



TECHNICAL DATA SHEET

KILZ® PREMIUM INTERIOR / EXTERIOR WATER-BASED PRIMER

KILZ® Premium is a superior quality, fast drying, water-based primer, sealer and stainblocker that provides excellent adhesion and a mildew resistant coating. It's ideal for use in moisture-prone areas and blocks out most stains caused by water, tannin, ink, pencil, felt marker and grease. For use on interior and exterior surfaces. Topcoat with latex or oil-based paint.

AS OF 6/1/2011 COMPLIES OR IS CERTIFIED WITH:

SCAQMD	Yes	MPI #	6
CARB	Yes	MPI X-GREEN	No
OTC	Yes	GREENGUARD	No
LADCO	Yes	GREEN SEAL™	No
AIM	Yes	CHPS	No
LEED®	Yes*	NAHB/ICC NGBS	No

*Product may help projects qualify for LEED credits.
Please see www.usgbc.org/LEED for additional details.

WHERE TO USE

Use on properly prepared interior and exterior surfaces, such as:

- Brick
- Painted Metal
- Properly Prepared Glossy Surfaces†
- Drywall
- Paneling
- Stucco
- Masonry
- Plaster
- Wood

FILL / MAX TINT

No. 1300

Quart – 32oz / 1/2oz**

Gallon – 128oz / 2oz**

5 Gallon – 640oz / 10oz**

**Tinting is not recommended for stainblocking applications.

FINISH

85° = < 20.0

Sheen levels depend on porosity and various surface irregularities.

COMPOSITION

Vehicle: Acrylic Polymer

Weight Solids: 54.7% (+/-) 2%

Volume Solids: 40.5% (+/-) 2%

Weight / Gallon (lbs): 11.0 (+/-) 0.2

Viscosity: 95 - 105 KU

VOC: 95 g/L

The addition of colorants may add VOCs.

FLASHPOINT

N/A

COVERAGE RATE

Coverage: 300 - 400 sq. ft. (28 - 37 m²) per gallon, depending on the surface texture, porosity and application method. Does not include the loss of material from spraying.

RECOMMENDED FILM THICKNESS

At 300 sq. ft. per gallon:

- Wet: 5.3 mils; Dry: 2.2 mils

At 400 sq. ft. per gallon:

- Wet: 4.0 mils; Dry: 1.6 mils

PREMIUM APPLICATION TOOLS

Airless Spray:

Tip: .015" - .021"

Filter: 60 mesh

PSI: Fluid pressure of 2,500 - 3,200

Roller:

Smooth Surfaces: 3/8" - 1/2" nap

Rough / Porous Surfaces: 1/2" - 3/4" nap

Brush: Nylon / Polyester Blend

SURFACE PREPARATION†

- The surface must be clean, free of dust, grease, wax, peeling paint, mold, mildew and wallpaper paste. If washing is necessary, use a non-soapy detergent or a TSP substitute. Rinse well and allow to dry.
- Peeling or Checked Paint: Scrape off loose paint and sand to a smooth surface. Sanding or removal of paint containing lead is hazardous.†
- Unpainted, exterior wood exposed to sun and/or moisture longer than 2-4 weeks must be cleaned and sanded before priming.
- Glossy Surfaces: For maximum adhesion, scuff sand the surface thoroughly before priming.†
- Mold or Mildew Covered Surfaces: Wash the area with a mildew remover, rinse with water and allow to dry before priming.
- Masonry, Brick, Stucco and Plaster: KILZ PREMIUM primer may be used on clean, dry, aged masonry surfaces. New masonry must be allowed to cure (dry) at least 30 days before applying KILZ PREMIUM primer.
- Fire Restoration: It is critical to clean smoke damaged surfaces thoroughly before priming. Primary Recommendation: KILZ COMPLETE®, KILZ ODORLESS® or KILZ® ORIGINAL primers.

APPLICATION

- Eye protection is recommended.
- Apply as supplied using a brush, roller or sprayer.
- **Do not thin for stainblocking applications.** A small amount of water may be added for other spray applications.
- Only apply if surface, air and product temperatures are between 50°-90°F (10°-32°C).
- Stir thoroughly before and occasionally during use.
- Prime the entire surface to ensure a uniform appearance of the topcoat.

- Stainblocking: After priming, test for stain bleed-through by applying the topcoat to a small section. If the stain bleeds through the topcoat, apply a second coat of primer and test again before topcoating the entire area. If bleeding continues, a longer dry time is needed before topcoating.
- Tinting: Not recommended for stainblocking applications. KILZ PREMIUM primer may be tinted with up to 2 ounces of universal colorant per gallon for non-stainblocking projects. Tinting to a lighter shade than the topcoat is recommended.

DRY TIME at 77°F (25°C), 50% RH:

- To Touch: 30 Minutes
- To Recoat / Topcoat: 1 Hour

Application at lower temperatures, high humidity or poor ventilation will affect dry time.



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TECHNICAL DATA SHEET

KILZ® PREMIUM INTERIOR / EXTERIOR WATER-BASED PRIMER

CLEAN UP & DISPOSAL

- Clean equipment and paint splatters with warm, soapy water.
- If spilled, contain material and remove with an inert absorbent. Dispose of contaminated absorbent, container and unused product in accordance with all current federal, state and local regulations.
- Do not dispose of this product down a drain.
- Please consider donating any unused product.
- For recycling or disposal information, contact your local household refuse collection service.

LIMITED WARRANTY

If this product is found to be defective upon inspection by its representative, Masterchem Industries LLC will, at its option, either furnish an equivalent amount of new product or refund the purchase price to the original consumer purchaser of this product upon proof of purchase. Masterchem Industries will not be liable for any representations or warranties made by any retail seller or applicator of this product. **This warranty excludes (1) labor or cost of labor for the removal of this product or any other product, the repair or replacement of substrates to which this product is applied or the application of replacement product and (2) any incidental or consequential damages.** Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific rights and you may also have other rights which vary from state to state. This warranty is not transferable. To make a warranty claim, write to Technical Service, Masterchem Industries LLC, 3135 Old Highway M, Imperial, MO 63052-2834, or email Technical Service at techservice@masterchem.com.

†WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects, or other reproductive harm.

WARNING! IRRITANT! HARMFUL OR FATAL IF SWALLOWED. CONTAINS ETHYLENE GLYCOL. Avoid contact with eyes. May cause eye, nose and throat irritation. Avoid breathing of dust, vapors or spray mist. Open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headache, or dizziness, or if air monitoring demonstrates vapor / mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH / MSHA TC 23C or equivalent) during and after application. Follow respirator manufacturer's direction for respirator use. Close container after each use. Wash thoroughly after handling and before smoking and eating.

FIRST AID

- If swallowed, do not induce vomiting. Get medical attention immediately.
- If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.
- In case of eye contact, flush eyes immediately with plenty of water for at least 15 minutes and get medical attention.

KEEP FROM FREEZING

KEEP OUT OF REACH OF CHILDREN

DO NOT TAKE INTERNALLY



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TECHNICAL DATA SHEET

KILZ CLEAN START® ZERO VOC* INTERIOR / EXTERIOR WATER-BASED PRIMER

KILZ Clean Start® is a zero VOC*, low odor primer, sealer and stainblocker. This fast drying, water-based formula seals, primes and blocks out most light stains including water, rust, grease, ink, pencil and felt marker, and can be topcoated with latex or oil-based paint. For use on most interior and exterior surfaces. Not recommended on flooring.

**Formulated without the addition of VOC containing solvent. Raw materials may contribute negligible amounts of VOC. VOC < 5 g/L, excluding colorant(s).*

AS OF 6/1/2011 COMPLIES OR IS CERTIFIED WITH:

SCAQMD	Yes	MPI #	137
CARB	Yes	MPI X-GREEN	No
OTC	Yes	GREENGUARD	No
LADCO	Yes	GREEN SEAL™	No
AIM	Yes	CHPS	No
LEED®	Yes**	NAHB/ICC NGBS	No

**Product may help projects qualify for LEED credits. Please see www.usgbc.org/LEED for additional details.

WHERE TO USE

Use on properly prepared interior and exterior surfaces, such as:

- Brick
- Painted Metal
- Properly Prepared Glossy Surfaces†
- Drywall
- Paneling
- Stucco
- Masonry
- Plaster
- Wood

FILL / MAX TINT

No. L2110
Gallon – 128oz / 2oz***

***Tinting is not recommended for stainblocking applications.

FINISH

85° = < 10.0

Sheen levels depend on porosity and various surface irregularities.

COMPOSITION

Vehicle: Acrylic Polymer
Weight Solids: 50.9% (+/-) 2%
Volume Solids: 36.0% (+/-) 2%
Weight / Gallon (lbs): 10.9 (+/-) 0.2
Viscosity: 95 - 105 KU

VOC: 4 g/L

The addition of colorants may add VOCs.

FLASHPOINT

N/A

COVERAGE RATE

Coverage: 300 - 400 sq. ft. (28 - 37 m²) per gallon, depending on the surface texture, porosity and application method. Does not include the loss of material from spraying.

RECOMMENDED FILM THICKNESS

At 300 sq. ft. per gallon:
• Wet: 5.3 mils; Dry: 1.9 mils
At 400 sq. ft. per gallon:
• Wet: 4.0 mils; Dry: 1.4 mils

PREMIUM APPLICATION TOOLS

Airless Spray:

Tip: .015" - .021"
Filter: 60 mesh
PSI: Fluid pressure of 2,500 - 3,200

Roller:

Smooth Surfaces: 3/8" - 1/2" nap
Rough / Porous Surfaces: 1/2" - 3/4" nap

Brush: Nylon / Polyester Blend

SURFACE PREPARATION†

- The surface must be clean, free of dust, grease, wax, peeling paint, mold, mildew and wallpaper paste. If washing is necessary, use a non-soapy detergent or a TSP substitute. Rinse well and allow to dry.
- Peeling or Checked Paint: Scrape off loose paint and sand to a smooth surface. Sanding or removal of paint containing lead is hazardous.†
- Unpainted, exterior wood exposed to sun and/or moisture longer than 2-4 weeks must be cleaned and sanded before priming.
- Glossy Surfaces: For maximum adhesion, scuff sand the surface thoroughly before priming.†
- Mold or Mildew Covered Surfaces: Wash the area with a mildew remover, rinse with water and allow to dry before priming.
- Masonry, Brick, Stucco and Plaster: KILZ CLEAN START primer may be used on clean, dry, aged masonry surfaces. New masonry must be allowed to cure (dry) at least 30 days before applying KILZ CLEAN START primer.
- Fire Restoration: It is critical to clean smoke damaged surfaces thoroughly before priming. Primary Recommendation: KILZ COMPLETE®, KILZ ODORLESS® or KILZ® ORIGINAL primers.

APPLICATION

- Eye protection is recommended.
- Apply as supplied using a brush, roller or sprayer.
- **Do not thin for stainblocking applications.** A small amount of water may be added for other spray applications.
- Only apply if surface, air and product temperatures are between 50°-90°F (10°-32°C).
- Stir thoroughly before and occasionally during use.
- Prime the entire surface to ensure a uniform appearance of the topcoat.
- Stainblocking: After priming, test for stain

bleed-through by applying the topcoat to a small section. If the stain bleeds through the topcoat, apply a second coat of primer and test again before topcoating the entire area. If bleeding continues, a longer dry time is needed before topcoating.

- Tinting: Not recommended for stainblocking applications. KILZ CLEAN START primer may be tinted with up to 2 ounces of universal colorant per gallon for non-stainblocking projects. Tinting to a lighter shade than the topcoat is recommended.

DRY TIME at 77°F (25°C), 50% RH:

- To Touch: 30 Minutes
- To Recoat / Topcoat: 1 Hour

Application at lower temperatures, high humidity or poor ventilation will affect dry time.



M⁺ Masterchem Industries LLC

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TECHNICAL DATA SHEET

KILZ CLEAN START® ZERO VOC* INTERIOR / EXTERIOR WATER-BASED PRIMER

CLEAN UP & DISPOSAL

- Clean equipment and paint splatters with warm, soapy water.
- If spilled, contain material and remove with an inert absorbent. Dispose of contaminated absorbent, container and unused product in accordance with all current federal, state and local regulations.
- Do not dispose of this product down a drain.
- Please consider donating any unused product.
- For recycling or disposal information, contact your local household refuse collection service.

LIMITED WARRANTY

If this product is found to be defective upon inspection by its representative, Masterchem Industries LLC will, at its option, either furnish an equivalent amount of new product or refund the purchase price to the original consumer purchaser of this product upon proof of purchase. Masterchem Industries will not be liable for any representations or warranties made by any retail seller or applicator of this product. **This warranty excludes (1) labor or cost of labor for the removal of this product or any other product, the repair or replacement of substrates to which this product is applied or the application of replacement product and (2) any incidental or consequential damages.** Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific rights and you may also have other rights which vary from state to state. This warranty is not transferable. To make a warranty claim, write to Technical Service, Masterchem Industries LLC, 3135 Old Highway M, Imperial, MO 63052-2834, or email Technical Service at techservice@masterchem.com.

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FIRST AID

- If swallowed, do not induce vomiting. Get medical attention immediately.
- If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.
- In case of eye contact, flush eyes immediately with plenty of water for at least 15 minutes and get medical attention.

KEEP FROM FREEZING

KEEP OUT OF REACH OF CHILDREN

DO NOT TAKE INTERNALLY



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TECHNICAL DATA SHEET

KILZ 2® LATEX INTERIOR / EXTERIOR WATER-BASED PRIMER

KILZ 2® Latex is a fast drying, water-based multi-purpose primer, sealer and stainblocker that has a very mild odor and blocks out most light stains including water, rust, grease, ink, pencil and felt marker. For use on interior and exterior surfaces. Not recommended on flooring.

AS OF 6/1/2011 COMPLIES OR IS CERTIFIED WITH:

SCAQMD	Yes	MPI #	6
CARB	Yes	MPI X-GREEN	No
OTC	Yes	GREENGUARD	No
LADCO	Yes	GREEN SEAL™	No
AIM	Yes	CHPS	No
LEED®	Yes*	NAHB/ICC NGBS	No

*Product may help projects qualify for LEED credits. Please see www.usgbc.org/LEED for additional details.

FILL / MAX TINT

No. 2000
 Quart – 32oz / 1/2oz**
 Gallon – 128oz / 2oz**
 2 Gallon – 256oz / 4oz**
 5 Gallon – 640oz / 10oz**

No. 22001
 Quart – 32oz / 1/2oz**
 Gallon – 128oz / 2oz**
 2 Gallon – 256oz / 4oz**
 5 Gallon – 640oz / 10oz**

**Tinting is not recommended for stainblocking applications.

FINISH

85° = < 10.0

Sheen levels depend on porosity and various surface irregularities.

COMPOSITION

No. 2000
 Vehicle: Acrylic Polymer
 Weight Solids: 47.9% (+/-) 2%
 Volume Solids: 32.6% (+/-) 2%
 Weight / Gallon (lbs): 10.8 (+/-) 0.2
 Viscosity: 95 - 105 KU

No. 22001
 Vehicle: Acrylic Polymer
 Weight Solids: 48.1% (+/-) 2%
 Volume Solids: 32.6% (+/-) 2%
 Weight / Gallon (lbs): 10.8 (+/-) 0.2
 Viscosity: 95 - 105 KU

VOC:

No. 2000
 96 g/L

No. 22001
 1 g/L

The addition of colorants may add VOCs.

FLASHPOINT

N/A

COVERAGE RATE

Coverage: 300 - 400 sq. ft. (28 - 37 m²) per gallon, depending on the surface texture, porosity and application method. Does not include the loss of material from spraying.

WHERE TO USE

Use on properly prepared interior and exterior surfaces, such as:

- Brick
- Painted Metal
- Properly Prepared Glossy Surfaces†
- Drywall
- Paneling
- Stucco
- Masonry
- Plaster
- Wood

RECOMMENDED FILM THICKNESS

At 300 sq. ft. per gallon:
 • Wet: 5.3 mils; Dry: 1.7 mils
 At 400 sq. ft. per gallon:
 • Wet: 4.0 mils; Dry: 1.3 mils

PREMIUM APPLICATION TOOLS

Airless Spray:

Tip: .015" - .021"
 Filter: 60 mesh
 PSI: Fluid pressure of 2,500 - 3,200

Roller:

Smooth Surfaces: 3/8" - 1/2" nap
 Rough / Porous Surfaces: 1/2" - 3/4" nap

Brush: Nylon / Polyester Blend

SURFACE PREPARATION†

- The surface must be clean, free of dust, grease, wax, peeling paint, mold, mildew and wallpaper paste. If washing is necessary, use a non-soapy detergent or a TSP substitute. Rinse well and allow to dry.
- Peeling or Checked Paint: Scrape off loose paint and sand to a smooth surface. Sanding or removal of paint containing lead is hazardous.†
- Unpainted, exterior wood exposed to sun and/or moisture longer than 2-4 weeks must be cleaned and sanded before priming.
- Glossy Surfaces: For maximum adhesion, scuff sand the surface thoroughly before priming.†
- Mold or Mildew Covered Surfaces: Wash the area with a mildew remover, rinse with water and allow to dry before priming.
- Masonry, Brick, Stucco and Plaster: KILZ 2 LATEX primer may be used on clean, dry, aged masonry surfaces. New masonry must be allowed to cure (dry) at least 30 days before applying KILZ 2 LATEX primer.
- Fire Restoration: It is critical to clean smoke damaged surfaces thoroughly before priming. Primary Recommendation: KILZ COMPLETE®, KILZ ODORLESS® or KILZ® ORIGINAL primers.

APPLICATION

- Eye protection is recommended.
- Apply as supplied using a brush, roller or sprayer.

• Do not thin for stainblocking applications.

- A small amount of water may be added for other spray applications.
- Only apply if surface, air and product temperatures are between 50°-90°F (10°-32°C).
- Stir thoroughly before and occasionally during use.
- Prime the entire surface to ensure a uniform appearance of the topcoat.
- Stainblocking: After priming, test for stain bleed-through by applying the topcoat to a small section. If the stain bleeds through the topcoat, apply a second coat of primer and test again before topcoating the entire area. If bleeding continues, a longer dry time is needed before topcoating.
- Tinting: Not recommended for stainblocking applications. KILZ 2 LATEX primer may be tinted with up to 2 ounces of universal colorant per gallon for non-stainblocking projects. Tinting to a lighter shade than the topcoat is recommended.

DRY TIME at 77°F (25°C), 50% RH:

- To Touch: 30 Minutes
- To Recoat / Topcoat: 1 Hour

Application at lower temperatures, high humidity or poor ventilation will affect dry time.



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TECHNICAL DATA SHEET

KILZ 2® LATEX INTERIOR / EXTERIOR WATER-BASED PRIMER

CLEAN UP & DISPOSAL

- Clean equipment and paint splatters with warm, soapy water.
- If spilled, contain material and remove with an inert absorbent. Dispose of contaminated absorbent, container and unused product in accordance with all current federal, state and local regulations.
- Do not dispose of this product down a drain.
- Please consider donating any unused product.
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LIMITED WARRANTY

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†† Ethylene glycol only contained in formula for No. 2000; No. 22001 contains no ethylene glycol.

FIRST AID

- If swallowed, do not induce vomiting. Get medical attention immediately.
- If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.
- In case of eye contact, flush eyes immediately with plenty of water for at least 15 minutes and get medical attention.

KEEP FROM FREEZING

KEEP OUT OF REACH OF CHILDREN

DO NOT TAKE INTERNALLY



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AS OF 6/1/2011 COMPLIES OR IS CERTIFIED WITH:

SCAQMD	Yes	MPI #	No
CARB	Yes	MPI X-GREEN	No
OTC	Yes	GREENGUARD	No
LADCO	Yes	GREEN SEAL™	No
AIM	Yes	CHPS	No
LEED®	Yes*	NAHB/ICC NGBS	No

*Product may help projects qualify for LEED credits.
Please see www.usgbc.org/LEED for additional details.

FILL / MAX TINT

No. L2001
Gallon – 128oz / 2oz**
5 Gallon – 640oz / 10oz**

**Tinting is not recommended for stainblocking applications.

FINISH

85° = < 10.0
Sheen levels depend on porosity and various surface irregularities.

COMPOSITION

Vehicle: Acrylic Polymer
Weight Solids: 56.2% (+/-) 2%
Volume Solids: 39.8% (+/-) 2%
Weight / Gallon (lbs): 11.5 (+/-) 0.2
Viscosity: 95 - 105 KU

VOC: 90 g/L

The addition of colorants may add VOCs.

FLASHPOINT

N/A

COVERAGE RATE

Coverage: 100 - 200 sq. ft. (9 - 18 m²) per gallon, depending on the surface texture, porosity and application method. Does not include the loss of material from spraying.

RECOMMENDED FILM THICKNESS

At 100 sq. ft. per gallon:
• Wet: 16.0 mils; Dry: 6.4 mils
At 200 sq. ft. per gallon:
• Wet: 8.0 mils; Dry: 3.2 mils

PREMIUM APPLICATION TOOLS

Airless Spray:

Tip: .017" - .021"
Filter: 60 mesh
PSI: Fluid pressure of 2,500 - 3,200

Roller:

Smooth Surfaces: 3/8" - 1/2" nap
Rough / Porous Surfaces: 1/2" - 3/4" nap

KILZ HIGH BUILD® INTERIOR WATER-BASED PRIMER

KILZ High Build® primer is a unique formulation that can be applied much thicker than most primers, and creates a finish equivalent to a fully prepared skim coat / level 5 finish when sprayed. As an added benefit, KILZ High Build utilizes the superior stainblocking technology behind KILZ® Premium primer. It can be used on all interior ceilings and walls including paperless drywall.

WHERE TO USE

Use on properly prepared interior surfaces, such as:

- Brick
- Painted Metal
- Properly Prepared Glossy Surfaces†
- Drywall
- Paneling
- Stucco
- Masonry
- Plaster
- Wood

Brush: Nylon / Polyester Blend

SURFACE PREPARATION†

- The surface must be clean, free of dust, grease, wax, peeling paint, mold, mildew and wallpaper paste. If washing is necessary, use a non-soapy detergent or a TSP substitute. Rinse well and allow to dry.
- Peeling or Checked Paint: Scrape off loose paint and sand to a smooth surface. Sanding or removal of paint containing lead is hazardous.†
- Glossy Surfaces: For maximum adhesion, scuff sand the surface thoroughly before priming.†
- Mold or Mildew Covered Surfaces: Wash the area with a mildew remover, rinse with water and allow to dry before priming.
- Masonry, Brick, Stucco and Plaster: KILZ HIGH BUILD primer may be used on clean, dry, aged masonry surfaces. New masonry must be allowed to cure (dry) at least 30 days before applying KILZ HIGH BUILD primer.
- Fire Restoration: It is critical to clean smoke damaged surfaces thoroughly before priming. Primary Recommendation: KILZ COMPLETE®, KILZ ODORLESS® or KILZ® ORIGINAL primers.

APPLICATION

- Eye protection is recommended.
- Apply as supplied using a brush, roller or sprayer.
- **Do not thin for stainblocking applications.** A small amount of water may be added for other spray applications.
- Only apply if surface, air and product temperatures are between 50°-90°F (10°-32°C).
- Stir thoroughly before and occasionally during use.
- Prime the entire surface to ensure a uniform appearance of the topcoat.
- Stainblocking: After priming, test for stain bleed-through by applying the topcoat to a small section. If the stain bleeds through the

topcoat, apply a second coat of primer and test again before topcoating the entire area. If bleeding continues, a longer dry time is needed before topcoating.

- Tinting: Not recommended for stainblocking applications. KILZ HIGH BUILD primer may be tinted with up to 2 ounces of universal colorant per gallon for non-stainblocking projects. Tinting to a lighter shade than the topcoat is recommended.
- When using an airless sprayer, backrolling is not required and will cause surface defects.

DRY TIME at 77°F (25°C), 50% RH:

- To Touch: 30 Minutes
- To Recoat / Topcoat: 1 Hour

Application at lower temperatures, high humidity or poor ventilation will affect dry time.



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TECHNICAL DATA SHEET

KILZ HIGH BUILD® INTERIOR WATER-BASED PRIMER

CLEAN UP & DISPOSAL

- Clean equipment and paint splatters with warm, soapy water.
- If spilled, contain material and remove with an inert absorbent. Dispose of contaminated absorbent, container and unused product in accordance with all current federal, state and local regulations.
- Do not dispose of this product down a drain.
- Please consider donating any unused product.
- For recycling or disposal information, contact your local household refuse collection service.

LIMITED WARRANTY

If this product is found to be defective upon inspection by its representative, Masterchem Industries LLC will, at its option, either furnish an equivalent amount of new product or refund the purchase price to the original consumer purchaser of this product upon proof of purchase. Masterchem Industries will not be liable for any representations or warranties made by any retail seller or applicator of this product. **This warranty excludes (1) labor or cost of labor for the removal of this product or any other product, the repair or replacement of substrates to which this product is applied or the application of replacement product and (2) any incidental or consequential damages.** Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific rights and you may also have other rights which vary from state to state. This warranty is not transferable. To make a warranty claim, write to Technical Service, Masterchem Industries LLC, 3135 Old Highway M, Imperial, MO 63052-2834, or email Technical Service at techservice@masterchem.com.

†WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects, or other reproductive harm.

WARNING! IRRITANT! HARMFUL OR FATAL IF SWALLOWED. CONTAINS ETHYLENE GLYCOL. USE ONLY WITH ADEQUATE VENTILATION. Avoid contact with eyes. May cause eye, nose and throat irritation. Avoid breathing of dust, vapors or spray mist. Open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headache, or dizziness, or if air monitoring demonstrates vapor / mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH / MSHA TC 23C or equivalent) during and after application. Follow respirator manufacturer's direction for respirator use. Close container after each use. Wash thoroughly after handling and before smoking and eating.

FIRST AID

- If swallowed, do not induce vomiting. Get medical attention immediately.
- If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.
- In case of eye contact, flush eyes immediately with plenty of water for at least 15 minutes and get medical attention.

KEEP FROM FREEZING

KEEP OUT OF REACH OF CHILDREN

DO NOT TAKE INTERNALLY



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TECHNICAL DATA SHEET

KILZ® GENERAL PURPOSE INTERIOR WATER-BASED PRIMER

AS OF 6/1/2011 COMPLIES OR IS CERTIFIED WITH:

SCAQMD	Yes	MPI #	No
CARB	Yes	MPI X-GREEN	No
OTC	Yes	GREENGUARD	No
LADCO	Yes	GREEN SEAL™	No
AIM	Yes	CHPS	No
LEED®	Yes*	NAHB/ICC NGBS	No

*Product may help projects qualify for LEED credits.
Please see www.usgbc.org/LEED for additional details.

FILL / MAX TINT

No. 5700
Gallon – 128oz / 2oz
5 Gallon – 640oz / 10oz

FINISH

85° = < 10.0

Sheen levels depend on porosity and various surface irregularities.

COMPOSITION

Vehicle: Acrylic Polymers
Weight Solids: 47.4% (+/-) 2%
Volume Solids: 31.4% (+/-) 2%
Weight / Gallon (lbs): 10.9 (+/-) 0.2
Viscosity: 95 - 105 KU

VOC: 95 g/L

The addition of colorants may add VOCs.

FLASHPOINT

N/A

COVERAGE RATE

Coverage: 300 - 400 sq. ft. (28 - 37 m²) per gallon, depending on the surface texture, porosity and application method. Does not include the loss of material from spraying.

RECOMMENDED FILM THICKNESS

At 300 sq. ft. per gallon:
• Wet: 5.3 mils; Dry: 1.7 mils
At 400 sq. ft. per gallon:
• Wet: 4.0 mils; Dry: 1.3 mils

PREMIUM APPLICATION TOOLS

Airless Spray:

Tip: .015" - .021"
Filter: 60 mesh
PSI: Fluid pressure of 2,500 - 3,200

Roller:

Smooth Surfaces: 3/8" - 1/2" nap
Rough / Porous Surfaces: 1/2" - 3/4" nap

Brush: Nylon / Polyester Blend

SURFACE PREPARATION†

- Complete all patching, repairs and sanding before applying KILZ GENERAL PURPOSE primer.
- The surface must be clean, free of dust, grease, wax, peeling paint, mold, mildew and wallpaper paste. If washing is necessary, use a non-soapy detergent or a TSP substitute. Rinse well and allow to dry.
- Peeling or Checked Paint: Scrape off loose paint and sand to a smooth surface. Sanding or removal of paint containing lead is hazardous.†
- Glossy Surfaces: KILZ® PREMIUM and KILZ 2® primers are recommended for use over properly prepared glossy surfaces.
- Mold or Mildew Covered Surfaces: Wash the area with a mildew remover, rinse with water and allow to dry before priming. NOTE: KILZ PREMIUM and KILZ 2 primers are recommended for mildew-prone surfaces.
- Masonry, Brick, Stucco and Plaster: KILZ GENERAL PURPOSE primer may be used on clean, dry, aged masonry surfaces. New masonry must be allowed to cure (dry) at least 30 days before applying KILZ GENERAL PURPOSE primer.

APPLICATION

- Eye protection is recommended.
- Apply as supplied using a brush, roller or sprayer.
- A small amount of water may be added for spray applications.
- Only apply if surface, air and product temperatures are between 50°-90°F (10°-32°C).
- Stir thoroughly before and occasionally during use.
- Prime the entire surface to ensure a uniform appearance of the topcoat.
- Stainblocking: For stainblocking, use KILZ PREMIUM, KILZ COMPLETE®, KILZ ODORLESS® or KILZ® ORIGINAL primers.

KILZ® General Purpose Interior is a fast drying, latex primer and sealer formulated to minimize decorating problems caused by surface texture and porosity differences. It's ready to spray, brush or roll, and can be topcoated with latex or oil-based paint. For use on almost all interior surfaces. Not recommended for flooring, glossy surfaces, mold and mildew prone surfaces, or for stainblocking.

WHERE TO USE

Use on properly prepared interior surfaces, such as:

- Brick
- Plaster
- Drywall
- Wood
- Masonry

- Tinting: KILZ GENERAL PURPOSE primer may be tinted with up to 2 ounces of universal colorant per gallon. Tinting to a lighter shade than the topcoat is recommended.

DRY TIME at 77°F (25°C), 50% RH:

- To Touch: 30 Minutes
- To Recoat / Topcoat: 1 Hour

Application at lower temperatures, high humidity or poor ventilation will affect dry time.



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TECHNICAL DATA SHEET

KILZ® GENERAL PURPOSE INTERIOR WATER-BASED PRIMER

CLEAN UP & DISPOSAL

- Clean equipment and paint splatters with warm, soapy water.
- If spilled, contain material and remove with an inert absorbent. Dispose of contaminated absorbent, container and unused product in accordance with all current federal, state and local regulations.
- Do not dispose of this product down a drain.
- Please consider donating any unused product.
- For recycling or disposal information, contact your local household refuse collection service.

LIMITED WARRANTY

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FIRST AID

- If swallowed, do not induce vomiting. Get medical attention immediately.
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- In case of eye contact, flush eyes immediately with plenty of water for at least 15 minutes and get medical attention.

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KEEP OUT OF REACH OF CHILDREN

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KILZ[®]

GENERAL PURPOSE

AS OF 6/1/2011 COMPLIES OR IS CERTIFIED WITH:

SCAQMD	Yes	MPI #	No
CARB	Yes	MPI X-GREEN	No
OTC	Yes	GREENGUARD	No
LADCO	Yes	GREEN SEAL™	No
AIM	Yes	CHPS	No
LEED [®]	Yes*	NAHB/ICC NGBS	No

*Product may help projects qualify for LEED credits.
Please see www.usgbc.org/LEED for additional details.

FILL / MAX TINT

No. 5800
Gallon – 128oz / 2oz
5 Gallon – 640oz / 10oz

FINISH

85° = < 10.0

Sheen levels depend on porosity and various surface irregularities.

COMPOSITION

Vehicle: Acrylic Polymer
Weight Solids: 47.1% (+/-) 2%
Volume Solids: 31.5% (+/-) 2%
Weight / Gallon (lbs): 10.8 (+/-) 0.2
Viscosity: 95 - 105 KU

VOC: 95 g/L

The addition of colorants may add VOCs.

FLASHPOINT

N/A

COVERAGE RATE

Coverage: 300 - 400 sq. ft. (28 - 37 m²) per gallon, depending on the surface texture, porosity and application method. Does not include the loss of material from spraying.

RECOMMENDED FILM THICKNESS

At 300 sq. ft. per gallon:
• Wet: 5.3 mils; Dry: 1.7 mils

At 400 sq. ft. per gallon:
• Wet: 4.0 mils; Dry: 1.3 mils

PREMIUM APPLICATION TOOLS

Airless Spray:

Tip: .015" - .021"
Filter: 60 mesh
PSI: Fluid pressure of 2,500 - 3,200

Roller:

Smooth Surfaces: 3/8" - 1/2" nap
Rough / Porous Surfaces: 1/2" - 3/4" nap

Brush: Nylon / Polyester Blend

TECHNICAL DATA SHEET

KILZ[®] GENERAL PURPOSE EXTERIOR WATER-BASED PRIMER

KILZ[®] General Purpose Exterior is a fast drying, latex primer and sealer specifically for outdoor use. It minimizes problems caused by surface texture and porosity differences. It's ready to spray, brush or roll, and can be topcoated with latex or oil-based paint. For use on almost all exterior surfaces. Not recommended for flooring, glossy surfaces, mold and mildew prone surfaces, or for stainblocking.

WHERE TO USE

Use on properly prepared exterior surfaces, such as:

- Brick
- Drywall
- Wood
- Masonry

SURFACE PREPARATION†

- The surface must be clean, free of dust, grease, wax, peeling paint, mold, mildew and wallpaper paste. If washing is necessary, use a non-soapy detergent or a TSP substitute. Rinse well and allow to dry.
- Peeling or Checked Paint: Scrape off loose paint and sand to a smooth surface. Sanding or removal of paint containing lead is hazardous.†
- Glossy Surfaces: KILZ[®] PREMIUM and KILZ 2[®] primers are recommended for use over properly prepared glossy surfaces.
- Mold or Mildew Covered Surfaces: Wash the area with a mildew remover, rinse with water and allow to dry before priming. NOTE: KILZ PREMIUM and KILZ 2 primers are recommended for mildew-prone surfaces.
- Masonry, Brick, Stucco and Plaster: KILZ GENERAL PURPOSE primer may be used on clean, dry, aged masonry surfaces. New masonry must be allowed to cure (dry) at least 30 days before applying KILZ GENERAL PURPOSE primer.

APPLICATION

- Eye protection is recommended.
- Apply as supplied using a brush, roller or sprayer.
- A small amount of water may be added for spray applications.
- Only apply if surface, air and product temperatures are between 50°-90°F (10°-32°C).
- Stir thoroughly before and occasionally during use.
- Prime the entire surface to ensure a uniform appearance of the topcoat.
- Stainblocking: For stainblocking, use KILZ PREMIUM, KILZ 2 or KILZ COMPLETE[®] primers.
- Tinting: KILZ GENERAL PURPOSE primer may

be tinted with up to 2 ounces of universal colorant per gallon. Tinting to a lighter shade than the topcoat is recommended.

DRY TIME at 77°F (25°C), 50% RH:

- To Touch: 30 Minutes
- To Recoat / Topcoat: 1 Hour

Application at lower temperatures, high humidity or poor ventilation will affect dry time.



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TECHNICAL DATA SHEET

KILZ® GENERAL PURPOSE EXTERIOR WATER-BASED PRIMER

CLEAN UP & DISPOSAL

- Clean equipment and paint splatters with warm, soapy water.
- If spilled, contain material and remove with an inert absorbent. Dispose of contaminated absorbent, container and unused product in accordance with all current federal, state and local regulations.
- Do not dispose of this product down a drain.
- Please consider donating any unused product.
- For recycling or disposal information, contact your local household refuse collection service.

LIMITED WARRANTY

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FIRST AID

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- In case of eye contact, flush eyes immediately with plenty of water for at least 15 minutes and get medical attention.

KEEP FROM FREEZING

KEEP OUT OF REACH OF CHILDREN

DO NOT TAKE INTERNALLY



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TECHNICAL DATA SHEET

KILZ® MASONRY & STUCCO INTERIOR / EXTERIOR WATER-BASED PRIMER

KILZ® Masonry & Stucco primer is formulated for use on properly prepared interior and exterior above grade masonry, stucco, CMUs, and poured and precast concrete, providing alkali resistance up to 13 pH. It is an ideal primer for repaints to bind light chalk residue to the substrate prior to painting.

AS OF 6/1/2011 COMPLIES OR IS CERTIFIED WITH:

SCAQMD	Yes	MPI #	No
CARB	Yes	MPI X-GREEN	No
OTC	Yes	GREENGUARD	No
LADCO	Yes	GREEN SEAL™	No
AIM	Yes	CHPS	No
LEED®	Yes*	NAHB/ICC NGBS	No

*Product may help projects qualify for LEED credits. Please see www.usgbc.org/LEED for additional details.

WHERE TO USE

Use on properly prepared, above grade interior and exterior surfaces, such as:

- Architectural Plastics
- CMUs
- Ferrous Metals
- Masonry
- Non-Ferrous Metals
- Poured and Precast Concrete
- Stucco
- Wood

FILL / MAX TINT

No. L1500

5 Gallon – 640oz / 10oz**

**Product is designed to dry clear. If tinting is necessary, tint with no more than 2 oz. of colorant per gallon.

FINISH

85° = < 10.0

Sheen levels depend on porosity and various surface irregularities.

COMPOSITION

Vehicle: Acrylic Polymer

Weight Solids: 29.8% (+/-) 2%

Volume Solids: 17.4% (+/-) 2%

Weight / Gallon (lbs): 8.6 (+/-) 0.2

Viscosity: 60 - 65 KU

VOC: 91 g/L

The addition of colorants may add VOCs.

FLASHPOINT

N/A

COVERAGE RATE

Coverage: 200 - 300 sq. ft. (18 - 28 m²) per gallon, depending on the surface texture, porosity and application method. Does not include the loss of material from spraying.

RECOMMENDED FILM THICKNESS

At 200 sq. ft. per gallon:

- Wet: 8.0 mils; Dry: 1.4 mils

At 300 sq. ft. per gallon:

- Wet: 5.3 mils; Dry: 0.9 mils

PREMIUM APPLICATION TOOLS

Airless Spray:

Tip: .015" - .017"

Filter: 60 mesh

PSI: Fluid pressure of 2,500 - 3,200

Roller:

Rough / Porous Surfaces: 1/2" - 3/4" nap

Brush: Nylon / Polyester Blend

SURFACE PREPARATION†

New or Unpainted Surfaces:

- All surfaces must be clean, sound, dry and free of dirt, dust, efflorescence, chalk, laitance, release agents, oil, grease, mildew, rust and other foreign materials. The removal of grease, oil and dirt is best achieved by pressure cleaning while utilizing commercial degreasers.
- Remove all rust and mill scale using sandpaper, steel wool or other abrading method. Bare metal must be coated the same day it is cleaned.
- Allow new stucco and mortar to cure 3 days and poured in place concrete to cure 7 days before using this product on surface.
- Always be sure to read all manufacturers' instructions pertinent to degreasers and acid solutions prior to use.

Previously Painted Surfaces:

- The surface must be clean, free of dust, chalk, oil, grease, wax, polish, mold and mildew stains, loose and peeling paint, rust and all other foreign substances. Dust, dirt and chalk are best removed by high-pressure washing. Use ASTM D-4214-98 to properly evaluate the degree of chalking. KILZ recommends if a powdery colored residue is still visually evident or with chalk rating of 6 and below following ASTM D-4214-98 then a higher pressure washing is required to remove the chalky layer.
- All voids, cracks, cracked mortar joints and meetings of dissimilar materials should be patched with appropriate sealants.

APPLICATION

- Eye protection is recommended.
- Apply as supplied using a brush, roller or sprayer.
- **Do not thin or apply at a greater spread rate or build up a visual glaze on the surface.** Product is formulated for use at

package consistency only.

- Only apply if surface, air and product temperatures are between 50°-90°F (10°-32°C).
- If rain or threatening weather is expected within 8 hours, delay application until dry conditions exist. Never apply to frozen or frost covered substrates.
- Note: Do not apply product to wet or water-saturated substrates or when the relative humidity is above 90%. Not for use below grade or under water. Do not apply by garden sprayer. Do not flood coat.
- Must be topcoated within 7 days of application or the surface may need to be recleaned.

DRY TIME at 77°F (25°C), 50% RH:

- To Touch: 30 - 60 Minutes
- To Recoat / Topcoat: 1 Hour

Application at lower temperatures, high humidity or poor ventilation will affect dry time.



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TECHNICAL DATA SHEET

KILZ® MASONRY & STUCCO INTERIOR / EXTERIOR WATER-BASED PRIMER

CLEAN UP & DISPOSAL

- Clean equipment and paint spatters with warm, soapy water.
- If spilled, contain material and remove with an inert absorbent. Dispose of contaminated absorbent, container and unused product in accordance with all current federal, state and local regulations.
- Do not dispose of this product down a drain.
- Please consider donating any unused product.
- For recycling or disposal information, contact your local household refuse collection service.

LIMITED WARRANTY

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WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects, or other reproductive harm.

WARNING! IRRITANT! HARMFUL OR FATAL IF SWALLOWED. CONTAINS ETHYLENE GLYCOL. Avoid contact with eyes. May cause eye, nose and throat irritation. Avoid breathing of dust, vapors or spray mist. Open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headache, or dizziness, or if air monitoring demonstrates vapor / mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH / MSHA TC 23C or equivalent) during and after application. Follow respirator manufacturer's direction for respirator use. Close container after each use. Wash thoroughly after handling and before smoking and eating.

FIRST AID

- If swallowed, do not induce vomiting. Get medical attention immediately.
- If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.
- In case of eye contact, flush eyes immediately with plenty of water for at least 15 minutes and get medical attention.

USE ON VERTICAL SURFACES ONLY

USE ONLY WITH ADEQUATE VENTILATION

KEEP FROM FREEZING

KEEP OUT OF REACH OF CHILDREN

DO NOT TAKE INTERNALLY



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KILZ COMPLETE

AS OF 6/1/2011 COMPLIES OR IS CERTIFIED WITH:

SCAQMD	No	MPI #	5 ¹ , 136 ²
CARB	No	MPI X-GREEN	No
OTC	No	GREENGUARD	No
LADCO	No	GREEN SEAL™	No
AIM	No	CHPS	No
LEED®	No	NAHB/ICC NGBS	No

¹ Applies only to 350 VOC formula.

² Applies to both formulas.

FILL / MAX TINT

No. L1012 (350 VOC)
Gallon – 128oz / 2oz**
5 Gallon – 640oz / 10oz**

No. L1013 (450 VOC)
Gallon – 128oz / 2oz**
5 Gallon – 640oz / 10oz**

**Tinting is not recommended for stainblocking applications.

FINISH

85° = < 10.0

Sheen levels depend on porosity and various surface irregularities.

COMPOSITION

No. L1012 (350 VOC)
Vehicle: Alkyd Resin
Weight Solids: 75.0% (+/-) 2%
Volume Solids: 56.5% (+/-) 2%
Weight / Gallon (lbs): 11.3 (+/-) 0.2
Viscosity: 80 - 90 KU

No. L1013 (450 VOC)
Vehicle: Alkyd Resin
Weight Solids: 64.5% (+/-) 2%
Volume Solids: 43.3% (+/-) 2%
Weight / Gallon (lbs): 10.3 (+/-) 0.2
Viscosity: 80 - 90 KU

VOC:

No. L1012 (350 VOC)
344 g/L

No. L1013 (450 VOC)
438 g/L

The addition of colorants may add VOCs.

FLASHPOINT

No. L1012 (350 VOC)
74°F (23.3°C)

No. L1013 (450 VOC)
71°F (21.7°C)

COVERAGE RATE

Coverage: 300 - 400 sq. ft. (28 - 37 m²) per gallon, depending on the surface texture,

KILZ COMPLETE® INTERIOR / EXTERIOR OIL-BASED PRIMER

KILZ Complete® is an oil-based primer, sealer and stainblocker ideal for blocking stains, priming, and sealing almost all interior and exterior surfaces. It is especially effective at blocking graffiti, tannin, water, smoke and other bleeding stains. KILZ Complete® dries quickly and provides a mildew resistant coating. It can be used under latex or oil-based paint. Not recommended on flooring.

WHERE TO USE

Use on properly prepared interior surfaces, such as:

- Brick
- Painted Metal
- Siding
- Drywall
- Plaster
- Stucco
- Masonry
- Properly Prepared Glossy Surfaces†
- Wood

porosity and application method. Does not include the loss of material from spraying.

RECOMMENDED FILM THICKNESS

At 300 sq. ft. per gallon:

- No. L1012 (350 VOC) – Wet: 5.3 mils; Dry: 3.0 mils
- No. L1013 (450 VOC) – Wet: 5.3 mils; Dry: 2.3 mils

At 400 sq. ft. per gallon:

- No. L1012 (350 VOC) – Wet: 4.0 mils; Dry: 2.3 mils
- No. L1013 (450 VOC) – Wet: 4.0 mils; Dry: 1.7 mils

PREMIUM APPLICATION TOOLS

Airless Spray:

Tip: .015" - .021"

Filter: 60 mesh

PSI: Fluid pressure of 2,500 - 3,200

Roller:

Smooth Surfaces: 3/8" - 1/2" nap

Rough / Porous Surfaces: 1/2" - 3/4" nap

Brush: Nylon / Polyester Blend or Premium Natural Bristle

SURFACE PREPARATION†

- The surface must be clean, free of dust, grease, wax, peeling paint, mold, mildew and wallpaper paste. If washing is necessary, use a non-soapy detergent or a TSP substitute. Rinse well and allow to dry.
- Peeling or Checked Paint: Scrape off loose paint and sand to a smooth surface. Sanding or removal of paint containing lead is hazardous.†
- Unpainted, exterior wood exposed to sun and/or moisture longer than 2 - 4 weeks must be cleaned and sanded before priming.
- Glossy Surfaces: For maximum adhesion, scuff sand the surface thoroughly before priming.†
- Mold or Mildew Covered Surfaces: Wash the area with a mildew remover, rinse with water and allow to dry before priming.
- Masonry, Brick, Stucco and Plaster: KILZ COMPLETE primer may be used on clean, dry, aged masonry surfaces that have cured (dried) at least 90 days. If masonry has been cured less than 90 days, use KILZ® PREMIUM primer.
- Fire Restoration: It is critical to clean smoke damaged surfaces thoroughly before priming.

APPLICATION

- Eye protection is recommended.
- Apply as supplied using a brush, roller or sprayer.
- **Do not thin.**
- Only apply if surface, air and product temperatures are between 50°-90°F (10°-32°C).
- Stir thoroughly before and occasionally during use.
- Prime the entire surface to ensure a uniform appearance of the topcoat.
- Stainblocking: After priming, test for stain bleed-through by applying the topcoat to a small section. If the stain bleeds through the topcoat, apply a second coat of primer and test again before topcoating the entire area. If bleeding continues, a longer dry time is needed before topcoating.
- Tinting: Not recommended for stainblocking applications. KILZ COMPLETE primer may be tinted with up to 2 ounces of universal colorant per gallon for non-stainblocking projects. Tinting to a lighter shade than the topcoat is recommended.

DRY TIME at 77°F (25°C), 50% RH:

- To Touch: 90 Minutes
- To Recoat / Topcoat: 2 Hours

Application at lower temperatures, high humidity or poor ventilation will affect dry time.



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TECHNICAL DATA SHEET

KILZ COMPLETE® INTERIOR / EXTERIOR OIL-BASED PRIMER

CLEAN UP & DISPOSAL

- Clean equipment and paint spatters with mineral spirits.
- If spilled, contain material and remove with an inert absorbent. Dispose of contaminated absorbent, container and unused product in accordance with all current federal, state and local regulations.
- Do not dispose of this product down a drain.
- Please consider donating any unused product.
- For recycling or disposal information, contact your local household refuse collection service.

LIMITED WARRANTY

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VENTILATION REQUIRED: To avoid inhalation and combustion hazards (see below), DO NOT use this product unless you can achieve cross-ventilation by opening windows and doors during application and drying.

CONTAINS PETROLEUM DISTILLATES. VAPOR HARMFUL. May affect the brain or nervous system causing dizziness, headache or nausea. Do not breathe vapors or spray mist. If you experience eye watering, headaches or dizziness, increase fresh air, wear respiratory protection (NIOSH / MSHA TC 23C or equivalent) or leave the area. Follow respirator manufacturer's directions for respirator use. Causes eye, skin, nose and throat irritation. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling and before smoking and eating.

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

VAPORS MAY CAUSE FLASH FIRE. Keep away from sparks, heat and open flame. Do not smoke. Vapors are heavier than air, and can travel at floor level to distant ignition sources. Extinguish all flames and pilot lights and turn off stoves, heaters, electric motors, high intensity lights and other sources of ignition during use and until all vapors are gone. Close container after each use. To avoid spontaneous combustion, soak soiled rags and waste immediately after use in a closed, water-filled metal container.

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects, or other reproductive harm.

FIRST AID

- If swallowed, do not induce vomiting. Get medical attention immediately.
- If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.
- In case of eye contact, flush eyes immediately with plenty of water for at least 15 minutes and get medical attention.
- For skin contact, wash thoroughly with soap and water.

KEEP OUT OF REACH OF CHILDREN

DO NOT TAKE INTERNALLY



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TECHNICAL DATA SHEET



KILZ COMPLETE

AS OF 6/1/2011 COMPLIES OR IS CERTIFIED WITH:

SCAQMD	No	MPI #	No
CARB	No	MPI X-GREEN	No
OTC	No	GREENGUARD	No
LADCO	No	GREEN SEAL™	No
AIM	No	CHPS	No
LEED®	No	NAHB/ICC NGBS	No

KILZ COMPLETE® INTERIOR / EXTERIOR AEROSOL PRIMER

KILZ Complete® interior / exterior aerosol primer provides a mildew resistant coating that blocks out most stains cause by water, smoke, tannin, ink, pencil, felt marker, grease and graffiti, and seals pet and smoke odors.

WHERE TO USE

Use on properly prepared interior and exterior surfaces, such as:

- Brick
- Painted Metal
- Properly Prepared Glossy Surfaces†
- Drywall
- Paneling
- Wallpaper
- Masonry
- Plaster
- Wood

FILL

No. 1064
Aerosol – 13 oz

FINISH

85° = < 10.0

Sheen levels depend on porosity and various surface irregularities.

COMPOSITION

Vehicle: Modified Alkyd
Weight Solids: 37.1% (+/-) 2%
Volume Solids: 16.8% (+/-) 2%

Max VOC (by weight): 60%
Max Product Weighted MIR: 1.20

FLASHPOINT

-156°F (-104°C)

COVERAGE RATE

Coverage: 20 - 25 sq. ft. (1.9 - 2.3 m²) per container, depending on the surface texture, porosity and application method. Does not include the loss of material from spraying.

SURFACE PREPARATION†

- The surface must be clean, free of dust, grease, wax, peeling paint, mold, mildew and wallpaper paste. If washing is necessary, use a non-soapy detergent or a TSP substitute. Rinse well and allow to dry.
- Peeling or Checked Paint: Scrape off loose paint and sand to a smooth surface. Sanding or removal of paint containing lead is hazardous.†
- Glossy Surfaces: For maximum adhesion, scuff sand the surface thoroughly before priming.†

APPLICATION

- Eye protection is recommended.
- For best results, use when substrate and air temperatures are between 35°-90°F (2°-32°C).
- Cover adjacent areas to protect from overspray.
- Shake can vigorously for 1 minute after mixing ball begins to rattle and often during use.
- Hold can upright, moving from side-to-side while spraying lightly and evenly about 12" from area being painted.
- Two to three thin coats produce best results.
- Topcoat with latex or oil-based paint after 1 hour.
- NOTE: On some surfaces, spot priming may cause a non-uniform appearance in the final coat. To avoid this, prime the entire surface.

DRY TIME at 77°F (25°C), 50% RH:

- To Touch: 15 - 30 Minutes
- To Recoat / Topcoat: 1 Hour

Longer dry time may be required in cooler temperatures and in higher humidity.



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TECHNICAL DATA SHEET

KILZ COMPLETE® INTERIOR / EXTERIOR AEROSOL PRIMER

CLEAN UP & DISPOSAL

- Do not stick pins or wire into can opening.
- Clean fresh overspray with mineral spirits or paint thinner. Remove dried paint with paint remover, but test small area first to ensure paint remover does not damage substrate.
- Please consider donating any unused product.
- For recycling or disposal information, contact your local household refuse collection service.

LIMITED WARRANTY

If this product is found to be defective upon inspection by its representative, Masterchem Industries LLC will, at its option, either furnish an equivalent amount of new product or refund the purchase price to the original consumer purchaser of this product upon proof of purchase. Masterchem Industries will not be liable for any representations or warranties made by any retail seller or applicator of this product. **This warranty excludes (1) labor or cost of labor for the removal of this product or any other product, the repair or replacement of substrates to which this product is applied or the application of replacement product and (2) any incidental or consequential damages.** Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific rights and you may also have other rights which vary from state to state. This warranty is not transferable. To make a warranty claim, write to Technical Service, Masterchem Industries LLC, 3135 Old Highway M, Imperial, MO 63052-2834, or email Technical Service at techservice@masterchem.com.

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VENTILATION REQUIRED: To avoid inhalation and combustion hazards (see below), **DO NOT** use this product unless you can achieve cross-ventilation by opening windows and doors during application and drying.

CONTAINS PETROLEUM DISTILLATES. VAPOR HARMFUL. May affect the brain or nervous system causing dizziness, headache or nausea. Do not breathe vapors or spray mist. If you experience eye watering, headaches or dizziness, increase fresh air, wear respiratory protection (NIOSH / MSHA TC 23C or equivalent) or leave the area.

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

VAPORS MAY IGNITE EXPLOSIVELY. Do not spray near sparks, heat or open flame. Do not smoke. Vapors are heavier than air, and can travel at floor level to distant ignition sources. Extinguish all flames and pilot lights and turn off stoves, heaters, electric motors, high intensity lights and other sources of ignition during use and until all vapors are gone.

CONTENTS UNDER PRESSURE: Do not puncture, incinerate (burn) or store above 120°F (40°C). Exposure to heat or prolonged exposure to sun may cause bursting. Do not discard in home trash compactor.

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects, or other reproductive harm.

FIRST AID

- If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.
- In case of eye contact, flush eyes immediately with plenty of water for at least 15 minutes and get medical attention.
- For skin contact, wash thoroughly with soap and water.

KEEP FROM FREEZING

KEEP OUT OF REACH OF CHILDREN

DO NOT TAKE INTERNALLY



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AS OF 6/1/2011 COMPLIES OR IS CERTIFIED WITH:

SCAQMD	No	MPI #	No
CARB	No	MPI X-GREEN	No
OTC	No	GREENGUARD	No
LADCO	No	GREEN SEAL™	No
AIM	No	CHPS	No
LEED®	No	NAHB/ICC NGBS	No

KILZ ODORLESS® INTERIOR OIL-BASED PRIMER

KILZ Odorless® primer is a fast-drying stainblocking primer for use on most interior surfaces. Its ultra low odor formula significantly reduces the lingering odors normally associated with oil-based products, making it ideal to use in areas where higher odor levels are prohibitive. Any slight odor detected during the application of KILZ Odorless primer will dissipate soon after drying. Not recommended for mold- or mildew-prone surfaces or on flooring.

WHERE TO USE

Use on properly prepared interior surfaces, such as:

- Brick
- Painted Metal
- Properly Prepared Glossy Surfaces†
- Drywall
- Paneling
- Wallpaper
- Masonry
- Plaster
- Wood

FILL / MAX TINT

No. 1004
 Quart – 32oz / 1/2oz**
 Gallon – 128oz / 2oz**
 5 Gallon – 640oz / 10oz**

**Tinting is not recommended for stainblocking applications.

FINISH

85° = < 10.0

Sheen levels depend on porosity and various surface irregularities.

COMPOSITION

Vehicle: Solution Acrylic
 Weight Solids: 79.1% (+/-) 2%
 Volume Solids: 55.9% (+/-) 2%
 Weight / Gallon (lbs): 13.2 (+/-) 0.2
 Viscosity: 85 - 95 KU

VOC: 331 g/L

The addition of colorants may add VOCs.

FLASHPOINT

102°F (38.9°C)

COVERAGE RATE

Coverage: 300 - 400 sq. ft. (28 - 37 m²) per gallon, depending on the surface texture, porosity and application method. Does not include the loss of material from spraying.

RECOMMENDED FILM THICKNESS

At 300 sq. ft. per gallon:
 • Wet: 5.3 mils; Dry: 3.0 mils
 At 400 sq. ft. per gallon:
 • Wet: 4.0 mils; Dry: 2.2 mils

PREMIUM APPLICATION TOOLS

Airless Spray:

Tip: .015" - .021"
 Filter: 60 mesh
 PSI: Fluid pressure of 2,500 - 3,200

Roller:

Smooth Surfaces: 3/8" - 1/2" nap
 Rough / Porous Surfaces: 1/2" - 3/4" nap

Brush: Nylon / Polyester Blend or Premium Natural Bristle

SURFACE PREPARATION†

- The surface must be clean, free of dust, grease, wax, peeling paint, mold, mildew and wallpaper paste. If washing is necessary, use a non-soapy detergent or a TSP substitute. Rinse well and allow to dry.
- Peeling or Checked Paint: Scrape off loose paint and sand to a smooth surface. Sanding or removal of paint containing lead is hazardous.†
- Glossy Surfaces: For maximum adhesion, scuff sand the surface thoroughly before priming.†
- Mold or Mildew Covered Surfaces: Wash the area with a mildew remover, rinse with water and allow to dry before priming. Note: KILZ® PREMIUM and KILZ 2® primers are recommended for mildew-prone surfaces.
- Masonry, Brick, Stucco and Plaster: KILZ ODORLESS primer may be used on clean, dry, aged masonry surfaces. New masonry must be allowed to cure (dry) at least 30 days before applying KILZ ODORLESS primer.
- Fire Restoration: It is critical to clean smoke damaged surfaces thoroughly before priming.

APPLICATION

- Eye protection is recommended.
- Apply as supplied using a brush, roller or sprayer. Any slight odor that is detected during application will diminish quickly.
- **Do not thin.**
- Stir thoroughly before and occasionally during use.
- Prime the entire surface to ensure a uniform appearance of the topcoat.

- Stainblocking: After priming, test for stain bleed-through by applying the topcoat to a small section. If the stain bleeds through the topcoat, apply a second coat of primer and test again before topcoating the entire area. If bleeding continues, a longer dry time is needed before topcoating.
- Tinting: Not recommended for stainblocking applications. KILZ ODORLESS primer may be tinted with up to 2 ounces of universal colorant per gallon for non-stainblocking projects. Tinting to a lighter shade than the topcoat is recommended.

DRY TIME at 77°F (25°C), 50% RH:

- To Touch: 30 Minutes
- To Recoat / Topcoat: 1 Hour

Application at lower temperatures, high humidity or poor ventilation will affect dry time.



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TECHNICAL DATA SHEET

KILZ ODORLESS® INTERIOR OIL-BASED PRIMER

CLEAN UP & DISPOSAL

- Clean equipment and paint spatters with mineral spirits.
- If spilled, contain material and remove with an inert absorbent. Dispose of contaminated absorbent, container and unused product in accordance with all current federal, state and local regulations.
- Do not dispose of this product down a drain.
- Please consider donating any unused product.
- For recycling or disposal information, contact your local household refuse collection service.

LIMITED WARRANTY

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VENTILATION REQUIRED: To avoid inhalation and combustion hazards (see below), DO NOT use this product unless you can achieve cross-ventilation by opening windows and doors during application and drying.

CONTAINS PETROLEUM DISTILLATES. VAPOR HARMFUL. May affect the brain or nervous system causing dizziness, headache or nausea. Do not breathe vapors or spray mist. If you experience eye watering, headaches or dizziness, increase fresh air, wear respiratory protection (NIOSH / MSHA TC 23C or equivalent) or leave the area. Follow respirator manufacturer's directions for respirator use. Causes eye, skin, nose and throat irritation. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling and before smoking and eating.

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

VAPORS MAY CAUSE FLASH FIRE. Keep away from sparks, heat and open flame. Do not smoke. Vapors are heavier than air, and can travel at floor level to distant ignition sources. Extinguish all flames and pilot lights and turn off stoves, heaters, electric motors, high intensity lights and other sources of ignition during use and until all vapors are gone. Close container after each use. To avoid spontaneous combustion, soak soiled rags and waste immediately after use in a closed, water-filled metal container.

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects, or other reproductive harm.

FIRST AID

- If swallowed, do not induce vomiting. Get medical attention immediately.
- If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.
- In case of eye contact, flush eyes immediately with plenty of water for at least 15 minutes and get medical attention.
- For skin contact, wash thoroughly with soap and water.

KEEP OUT OF REACH OF CHILDREN

DO NOT TAKE INTERNALLY



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AS OF 6/1/2011 COMPLIES OR IS CERTIFIED WITH:

SCAQMD	No	MPI #	No
CARB	No	MPI X-GREEN	No
OTC	No	GREENGUARD	No
LADCO	No	GREEN SEAL™	No
AIM	No	CHPS	No
LEED®	No	NAHB/ICC NGBS	No

FILL

No. 1044
Aerosol – 13 oz

FINISH

85° = < 10.0

Sheen levels depend on porosity and various surface irregularities.

COMPOSITION

Vehicle: Solution Acrylic
Weight Solids: 42.2% (+/-) 2%
Volume Solids: 16.5% (+/-) 2%

Max VOC (by weight): 60%
Max Product Weighted MIR: 1.20

FLASHPOINT

-156°F (-104°C)

KILZ ODORLESS® INTERIOR AEROSOL PRIMER

KILZ Odorless® primer is a fast-drying stainblocking primer for use on most interior surfaces. Its ultra low odor formula significantly reduces the lingering odors normally associated with oil-based products, making it ideal to use in areas where higher odor levels are prohibitive. Any slight odor detected during the application of KILZ Odorless primer will dissipate soon after drying.

WHERE TO USE

Use on properly prepared interior surfaces, such as:

- Brick
- Painted Metal
- Properly Prepared Glossy Surfaces†
- Drywall
- Paneling
- Wallpaper
- Masonry
- Plaster
- Wood

COVERAGE RATE

Coverage: 20 - 25 sq. ft. (1.9 - 2.3 m²) per container, depending on the surface texture, porosity and application method. Does not include the loss of material from spraying.

SURFACE PREPARATION†

- The surface must be clean, free of dust, grease, wax, peeling paint, mold, mildew and wallpaper paste. If washing is necessary, use a non-soapy detergent or a TSP substitute. Rinse well and allow to dry.
- Peeling or Checked Paint: Scrape off loose paint and sand to a smooth surface. Sanding or removal of paint containing lead is hazardous.†
- Glossy Surfaces: For maximum adhesion, scuff sand the surface thoroughly before priming.†

APPLICATION

- Eye protection is recommended.
- For best results, use at room temperature.
- Cover adjacent areas to protect from overspray.
- Shake can vigorously for 1 minute after mixing ball begins to rattle and often during use.
- Hold can upright, moving from side-to-side while spraying lightly and evenly about 12" from area being painted.
- Two to three thin coats produce best results.
- Topcoat with latex or oil-based paint after 1 hour.
- NOTE: On some surfaces, spot priming may cause a non-uniform appearance in the final coat. To avoid this, prime the entire surface.

DRY TIME at 77°F (25°C), 50% RH:

- To Touch: 15 - 30 Minutes
- To Recoat / Topcoat: 1 Hour

Longer dry time may be required in cooler temperatures and in higher humidity.



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For MSDS or to consult with a technical service representative, call 1-866-PRIMER-1.*



TECHNICAL DATA SHEET

KILZ ODORLESS® INTERIOR AEROSOL PRIMER

CLEAN UP & DISPOSAL

- Clear spray valve immediately after use by turning can upside down and spraying until only clear gas is released.
- If spray nozzle becomes clogged, remove and clean. Do not stick pins or wire into can opening.
- Replace nozzle with valve opening pointed away from you.
- Clean fresh overspray with mineral spirits or paint thinner. Remove dried paint with paint remover, but test small area first to ensure paint remover does not damage substrate.
- Please consider donating any unused product.
- For recycling or disposal information, contact your local household refuse collection service.

LIMITED WARRANTY

If this product is found to be defective upon inspection by its representative, Masterchem Industries LLC will, at its option, either furnish an equivalent amount of new product or refund the purchase price to the original consumer purchaser of this product upon proof of purchase. Masterchem Industries will not be liable for any representations or warranties made by any retail seller or applicator of this product. **This warranty excludes (1) labor or cost of labor for the removal of this product or any other product, the repair or replacement of substrates to which this product is applied or the application of replacement product and (2) any incidental or consequential damages.** Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific rights and you may also have other rights which vary from state to state. This warranty is not transferable. To make a warranty claim, write to Technical Service, Masterchem Industries LLC, 3135 Old Highway M, Imperial, MO 63052-2834, or email Technical Service at techservice@masterchem.com.

†WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

VENTILATION REQUIRED: To avoid inhalation and combustion hazards (see below), **DO NOT** use this product unless you can achieve cross-ventilation by opening windows and doors during application and drying.

CONTAINS PETROLEUM DISTILLATES. VAPOR HARMFUL. May affect the brain or nervous system causing dizziness, headache or nausea. Do not breathe vapors or spray mist. If you experience eye watering, headaches or dizziness, increase fresh air, wear respiratory protection (NIOSH / MSHA TC 23C or equivalent) or leave the area.

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

VAPORS MAY IGNITE EXPLOSIVELY. Do not spray near sparks, heat or open flame. Do not smoke. Vapors are heavier than air, and can travel at floor level to distant ignition sources. Extinguish all flames and pilot lights and turn off stoves, heaters, electric motors, high intensity lights and other sources of ignition during use and until all vapors are gone.

CONTENTS UNDER PRESSURE: Do not puncture, incinerate (burn) or store above 120°F (40°C). Exposure to heat or prolonged exposure to sun may cause bursting. Do not discard in home trash compactor.

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects, or other reproductive harm.

FIRST AID

- If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.
- In case of eye contact, flush eyes immediately with plenty of water for at least 15 minutes and get medical attention.
- For skin contact, wash thoroughly with soap and water.

KEEP FROM FREEZING

KEEP OUT OF REACH OF CHILDREN

DO NOT TAKE INTERNALLY



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TECHNICAL DATA SHEET

KILZ® ORIGINAL INTERIOR OIL-BASED PRIMER

KILZ® Original primer blocks out most stains including water, smoke, tannin, ink, pencil, felt marker and grease, and seals pet and smoke odors. Use on interior surfaces. Not recommended on flooring.

AS OF 6/1/2011 COMPLIES OR IS CERTIFIED WITH:

SCAQMD	No	MPI #	45 ¹
CARB	No	MPI X-GREEN	No
OTC	No	GREENGUARD	No
LADCO	No	GREEN SEAL™	No
AIM	No	CHPS	No
LEED®	No	NAHB/ICC NGBS	No

¹ Applies to both formulas.

FILL / MAX TINT

No. 1000 (450 VOC)
 Quart – 32oz / 1/2oz**
 Gallon – 128oz / 2oz**
 5 Gallon – 640oz / 10oz**

No. 1003 (350 VOC)
 Quart – 32oz / 1/2oz**
 Gallon – 128oz / 2oz**
 5 Gallon – 640oz / 10oz**

**Tinting is not recommended for stainblocking applications.

FINISH

85° = < 10.0

Sheen levels depend on porosity and various surface irregularities.

COMPOSITION

No. 1000 (450 VOC)
 Vehicle: Alkyd Resin
 Weight Solids: 63.9% (+/-) 2%
 Volume Solids: 42.7% (+/-) 2%
 Weight / Gallon (lbs): 10.3 (+/-) 0.2
 Viscosity: 80 - 90 KU

No. 1003 (350 VOC)
 Vehicle: Alkyd Resin
 Weight Solids: 76.8% (+/-) 2%
 Volume Solids: 53.1% (+/-) 2%
 Weight / Gallon (lbs): 12.6 (+/-) 0.2
 Viscosity: 85 - 95 KU

VOC:

No. 1000 (450 VOC)
 443 g/L

No. 1003 (350 VOC)
 344 g/L

The addition of colorants may add VOCs.

FLASHPOINT

No. 1000 (450 VOC)
 75°F (23.9°C)

No. 1003 (350 VOC)
 102°F (38.9°C)

COVERAGE RATE

Coverage: 300 - 400 sq. ft. (28 - 37 m²) per gallon, depending on the surface texture,

porosity and application method. Does not include the loss of material from spraying.

RECOMMENDED FILM THICKNESS

At 300 sq. ft. per gallon:

- No. 1000 (450 VOC) – Wet: 5.3 mils; Dry: 2.3 mils
- No. 1003 (350 VOC) – Wet: 5.3 mils; Dry: 2.8 mils

At 400 sq. ft. per gallon:

- No. 1000 (450 VOC) – Wet: 4.0 mils; Dry: 1.7 mils
- No. 1003 (350 VOC) – Wet: 4.0 mils; Dry: 2.1 mils

PREMIUM APPLICATION TOOLS

Airless Spray:

Tip: .015" - .021"

Filter: 60 mesh

PSI: Fluid pressure of 2,500 - 3,200

Roller:

Smooth Surfaces: 3/8" - 1/2" nap

Rough / Porous Surfaces: 1/2" - 3/4" nap

Brush: Nylon / Polyester Blend or Premium Natural Bristle

SURFACE PREPARATION†

- The surface must be clean, free of dust, grease, wax, peeling paint, mold, mildew and wallpaper paste. If washing is necessary, use a non-soapy detergent or a TSP substitute. Rinse well and allow to dry.
- Peeling or Checked Paint: Scrape off loose paint and sand to a smooth surface. Sanding or removal of paint containing lead is hazardous.†
- Glossy Surfaces: For maximum adhesion, scuff sand the surface thoroughly before priming.†
- Mold or Mildew Covered Surfaces: Wash the area with a mildew remover, rinse with water and allow to dry before priming. Note: KILZ® PREMIUM and KILZ 2® primers are recommended for mildew-prone surfaces.
- Masonry, Brick, Stucco and Plaster: KILZ ORIGINAL primer may be used on clean, dry, aged masonry surfaces that have cured (dried) at least 90 days. If masonry has been cured less than 90 days, use KILZ® PREMIUM, KILZ 2® or KILZ ODORLESS® primers.

WHERE TO USE

Use on properly prepared interior surfaces, such as:

- Brick
- Painted Metal
- Properly Prepared Glossy Surfaces†
- Drywall
- Paneling
- Wallpaper
- Masonry
- Plaster
- Wood

- Fire Restoration: It is critical to clean smoke damaged surfaces thoroughly before priming.

APPLICATION

- Eye protection is recommended.
- Apply as supplied using a brush, roller or sprayer.
- **Do not thin.**
- Stir thoroughly before and occasionally during use.
- Prime the entire surface to ensure a uniform appearance of the topcoat.
- Stainblocking: After priming, test for stain bleed-through by applying the topcoat to a small section. If the stain bleeds through the topcoat, apply a second coat of primer and test again before topcoating the entire area. If bleeding continues, a longer dry time is needed before topcoating.
- Tinting: Not recommended for stainblocking applications. KILZ ORIGINAL primer may be tinted with up to 2 ounces of universal colorant per gallon for non-stainblocking projects. Tinting to a lighter shade than the topcoat is recommended.

DRY TIME at 77°F (25°C), 50% RH:

- To Touch: 30 Minutes
- To Recoat / Topcoat: 1 Hour

Application at lower temperatures, high humidity or poor ventilation will affect dry time.



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TECHNICAL DATA SHEET

KILZ® ORIGINAL INTERIOR OIL-BASED PRIMER

CLEAN UP & DISPOSAL

- Clean equipment and paint spatters with mineral spirits.
- If spilled, contain material and remove with an inert absorbent. Dispose of contaminated absorbent, container and unused product in accordance with all current federal, state and local regulations.
- Do not dispose of this product down a drain.
- Please consider donating any unused product.
- For recycling or disposal information, contact your local household refuse collection service.

LIMITED WARRANTY

If this product is found to be defective upon inspection by its representative, Masterchem Industries LLC will, at its option, either furnish an equivalent amount of new product or refund the purchase price to the original consumer purchaser of this product upon proof of purchase. Masterchem Industries will not be liable for any representations or warranties made by any retail seller or applicator of this product. **This warranty excludes (1) labor or cost of labor for the removal of this product or any other product, the repair or replacement of substrates to which this product is applied or the application of replacement product and (2) any incidental or consequential damages.** Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific rights and you may also have other rights which vary from state to state. This warranty is not transferable. To make a warranty claim, write to Technical Service, Masterchem Industries LLC, 3135 Old Highway M, Imperial, MO 63052-2834, or email Technical Service at techservice@masterchem.com.

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VENTILATION REQUIRED: To avoid inhalation and combustion hazards (see below), DO NOT use this product unless you can achieve cross-ventilation by opening windows and doors during application and drying.

CONTAINS PETROLEUM DISTILLATES. VAPOR HARMFUL. May affect the brain or nervous system causing dizziness, headache or nausea. Do not breathe vapors or spray mist. If you experience eye watering, headaches or dizziness, increase fresh air, wear respiratory protection (NIOSH / MSHA TC 23C or equivalent) or leave the area. Follow respirator manufacturer's directions for respirator use. Causes eye, skin, nose and throat irritation. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling and before smoking and eating.

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

VAPORS MAY CAUSE FLASH FIRE. Keep away from sparks, heat and open flame. Do not smoke. Vapors are heavier than air, and can travel at floor level to distant ignition sources. Extinguish all flames and pilot lights and turn off stoves, heaters, electric motors, high intensity lights and other sources of ignition during use and until all vapors are gone. Close container after each use. To avoid spontaneous combustion, soak soiled rags and waste immediately after use in a closed, water-filled metal container.

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects, or other reproductive harm.

FIRST AID

- If swallowed, do not induce vomiting. Get medical attention immediately.
- If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.
- In case of eye contact, flush eyes immediately with plenty of water for at least 15 minutes and get medical attention.
- For skin contact, wash thoroughly with soap and water.

KEEP OUT OF REACH OF CHILDREN

DO NOT TAKE INTERNALLY



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TECHNICAL DATA SHEET

KILZ® ORIGINAL INTERIOR AEROSOL PRIMER

KILZ® Original interior aerosol primer, sealer and stainblocker blocks out most stains caused by water, smoke, tannin, ink, pencil, felt marker and grease, and seals pet and smoke odors.

AS OF 6/1/2011 COMPLIES OR IS CERTIFIED WITH:

SCAQMD	No	MPI #	No
CARB	No	MPI X-GREEN	No
OTC	No	GREENGUARD	No
LADCO	No	GREEN SEAL™	No
AIM	No	CHPS	No
LEED®	No	NAHB/ICC NGBS	No

FILL

No. 1024
Aerosol – 13 oz

FINISH

85° = < 10.0

Sheen levels depend on porosity and various surface irregularities.

COMPOSITION

Vehicle: Modified Alkyd
Weight Solids: 40.0% (+/-) 2%
Volume Solids: 18.0% (+/-) 2%

Max VOC (by weight): 60%

Max Product Weighted MIR: 1.20

FLASHPOINT

-156°F (-104°C)

WHERE TO USE

Use on properly prepared interior surfaces, such as:

- Brick
- Painted Metal
- Properly Prepared Glossy Surfaces†
- Drywall
- Paneling
- Wallpaper
- Masonry
- Plaster
- Wood

COVERAGE RATE

Coverage: 20 - 25 sq. ft. (1.9 - 2.3 m²) per container, depending on the surface texture, porosity and application method. Does not include the loss of material from spraying.

SURFACE PREPARATION†

- The surface must be clean, free of dust, grease, wax, peeling paint, mold, mildew and wallpaper paste. If washing is necessary, use a non-soapy detergent or a TSP substitute. Rinse well and allow to dry.
- Peeling or Checked Paint: Scrape off loose paint and sand to a smooth surface. Sanding or removal of paint containing lead is hazardous.†
- Glossy Surfaces: For maximum adhesion, scuff sand the surface thoroughly before priming.†

APPLICATION

- Eye protection is recommended.
- For best results, use at room temperature.
- Cover adjacent areas to protect from overspray.
- Shake can vigorously for 1 minute after mixing ball begins to rattle and often during use.
- Hold can upright, moving from side-to-side while spraying lightly and evenly about 12" from area being painted.
- Two to three thin coats produce best results.
- Topcoat with latex or oil-based paint after 1 hour.
- NOTE: On some surfaces, spot priming may cause a non-uniform appearance in the final coat. To avoid this, prime the entire surface.

DRY TIME at 77°F (25°C), 50% RH:

- To Touch: 15 - 30 Minutes
- To Recoat / Topcoat: 1 Hour

Longer dry time may be required in cooler temperatures and in higher humidity.



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TECHNICAL DATA SHEET

KILZ® ORIGINAL INTERIOR AEROSOL PRIMER

CLEAN UP & DISPOSAL

- Clear spray valve immediately after use by turning can upside down and spraying until only clear gas is released.
- If spray nozzle becomes clogged, remove and clean. Do not stick pins or wire into can opening.
- Replace nozzle with valve opening pointed away from you.
- Clean fresh overspray with mineral spirits or paint thinner. Remove dried paint with paint remover, but test small area first to ensure paint remover does not damage substrate.
- Please consider donating any unused product.
- For recycling or disposal information, contact your local household refuse collection service.

LIMITED WARRANTY

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VENTILATION REQUIRED: To avoid inhalation and combustion hazards (see below), **DO NOT** use this product unless you can achieve cross-ventilation by opening windows and doors during application and drying.

CONTAINS PETROLEUM DISTILLATES. VAPOR HARMFUL. May affect the brain or nervous system causing dizziness, headache or nausea. Do not breathe vapors or spray mist. If you experience eye watering, headaches or dizziness, increase fresh air, wear respiratory protection (NIOSH / MSHA TC 23C or equivalent) or leave the area.

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

VAPORS MAY IGNITE EXPLOSIVELY. Do not spray near sparks, heat or open flame. Do not smoke. Vapors are heavier than air, and can travel at floor level to distant ignition sources. Extinguish all flames and pilot lights and turn off stoves, heaters, electric motors, high intensity lights and other sources of ignition during use and until all vapors are gone.

CONTENTS UNDER PRESSURE: Do not puncture, incinerate (burn) or store above 120°F (40°C). Exposure to heat or prolonged exposure to sun may cause bursting. Do not discard in home trash compactor.

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects, or other reproductive harm.

FIRST AID

- If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.
- In case of eye contact, flush eyes immediately with plenty of water for at least 15 minutes and get medical attention.
- For skin contact, wash thoroughly with soap and water.

KEEP FROM FREEZING

KEEP OUT OF REACH OF CHILDREN

DO NOT TAKE INTERNALLY



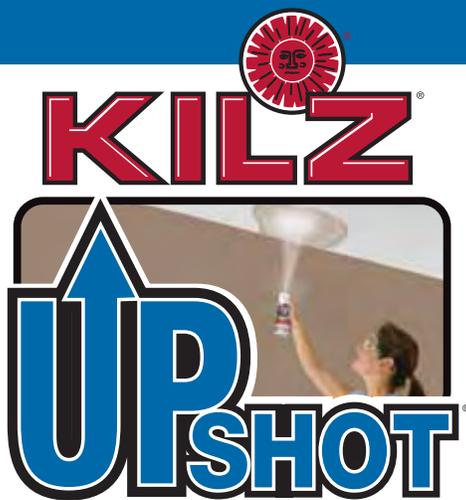
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TECHNICAL DATA SHEET



KILZ® UPSHOT® INTERIOR OVERHEAD STAIN SEALER

KILZ® Upshot® is a unique interior stain sealer that has a vertical spray tip for easy ceiling application. It blocks most ceiling stains such as water, smoke, grease and more. KILZ Upshot dries fast and is tinted to match most aged and acoustical ceilings.

WHERE TO USE

Use on properly prepared interior surfaces, such as:

- Brick
- Painted Metal
- Properly Prepared Glossy Surfaces†
- Drywall
- Paneling
- Wallpaper
- Masonry
- Plaster
- Wood

AS OF 6/1/2011 COMPLIES OR IS CERTIFIED WITH:

SCAQMD	Yes	MPI #	No
CARB	Yes	MPI X-GREEN	No
OTC	Yes	GREENGUARD	No
LADCO	Yes	GREEN SEAL™	No
AIM	Yes	CHPS	No
LEED®	No	NAHB/ICC NGBS	No

FILL

No. 10007
Aerosol – 10 oz

FINISH

85° = < 10.0

Sheen levels depend on porosity and various surface irregularities.

COMPOSITION

Vehicle: Modified Alkyd
Weight Solids: 40.0% (+/-) 2%
Volume Solids: 18.0% (+/-) 2%

Max VOC (by weight): 60%

Max Product Weighted MIR: 1.20

FLASHPOINT

-156°F (-104°C)

COVERAGE RATE

Coverage: 14 - 19 sq. ft. (1.3 - 1.7 m²) per gallon, depending on the surface texture, porosity and application method. Does not include the loss of material from spraying.

SURFACE PREPARATION†

- The surface must be clean, free of dust, grease, wax, peeling paint, mold, mildew and wallpaper paste. If washing is necessary, use a non-soapy detergent or a TSP substitute. Rinse well and allow to dry.
- Peeling or Checked Paint: Scrape off loose paint and sand to a smooth surface. Sanding or removal of paint containing lead is hazardous.†
- Glossy Surfaces: For maximum adhesion, scuff sand the surface thoroughly before priming.†

APPLICATION

- Eye protection is recommended.
- For best results, use at room temperature.
- Cover adjacent areas to protect from overspray.
- Shake can vigorously for 1 minute after mixing ball begins to rattle and often during use.
- Hold can upright, moving from side-to-side while spraying lightly and evenly about 12" from area being painted.
- Two to three thin coats produce best results.
- Topcoat with latex or oil-based paint.
- NOTE: On some surfaces, spot priming may cause a non-uniform appearance in the final coat. To avoid this, prime the entire surface.

DRY TIME at 77°F (25°C), 50% RH:

- To Touch: 15 - 30 Minutes
- To Recoat / Topcoat: 1 Hour

Longer dry time may be required in cooler temperatures and in higher humidity.



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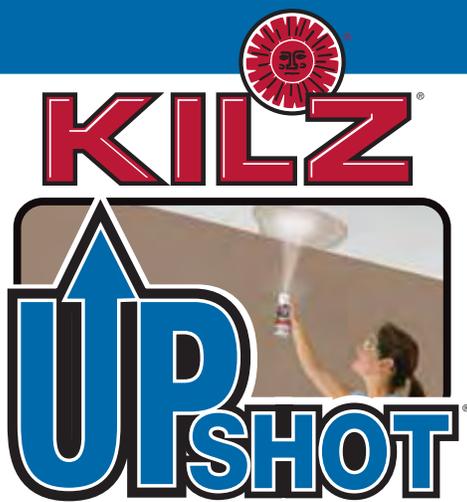
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For MSDS or to consult with a technical service representative, call 1-866-PRIMER-1.

KILZ® UPSHOT® INTERIOR OVERHEAD STAIN SEALER



CLEAN UP & DISPOSAL

- Clear spray valve immediately after use by turning can upside down and spraying until only clear gas is released.
- If spray nozzle becomes clogged, remove and clean. Do not stick pins or wire into can opening.
- Replace nozzle with valve opening pointed away from you.
- Clean fresh overspray with mineral spirits or paint thinner. Remove dried paint with paint remover, but test small area first to ensure paint remover does not damage substrate.
- Please consider donating any unused product.
- For recycling or disposal information, contact your local household refuse collection service.

LIMITED WARRANTY

If this product is found to be defective upon inspection by its representative, Masterchem Industries LLC will, at its option, either furnish an equivalent amount of new product or refund the purchase price to the original consumer purchaser of this product upon proof of purchase. Masterchem Industries will not be liable for any representations or warranties made by any retail seller or applicator of this product. **This warranty excludes (1) labor or cost of labor for the removal of this product or any other product, the repair or replacement of substrates to which this product is applied or the application of replacement product and (2) any incidental or consequential damages.** Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific rights and you may also have other rights which vary from state to state. This warranty is not transferable. To make a warranty claim, write to Technical Service, Masterchem Industries LLC, 3135 Old Highway M, Imperial, MO 63052-2834, or email Technical Service at techservice@masterchem.com.

†WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

VENTILATION REQUIRED: To avoid inhalation and combustion hazards (see below), DO NOT use this product unless you can achieve cross-ventilation by opening windows and doors during application and drying.

CONTAINS PETROLEUM DISTILLATES AND ACETONE. VAPOR HARMFUL. May affect the brain or nervous system causing dizziness, headache or nausea. Causes eye, skin, nose and throat irritation. Do not breathe vapors or spray mist. If you experience eye watering, headaches or dizziness, increase fresh air, wear respiratory protection (NIOSH / MSHA TC 23C or equivalent) or leave the area.

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

VAPORS MAY IGNITE EXPLOSIVELY. Do not spray near sparks, heat or open flame. Do not smoke. Vapors are heavier than air, and can travel at floor level to distant ignition sources. Extinguish all flames and pilot lights and turn off stoves, heaters, electric motors, high intensity lights and other sources of ignition during use and until all vapors are gone.

CONTENTS UNDER PRESSURE: Do not puncture, incinerate (burn) or store above 120°F (40°C). Exposure to heat or prolonged exposure to sun may cause bursting. Do not discard in home trash compactor.

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects, or other reproductive harm.

FIRST AID

- If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.
- In case of eye contact, flush eyes immediately with plenty of water for at least 15 minutes and get medical attention.
- For skin contact, wash thoroughly with soap and water.

KEEP FROM FREEZING.

KEEP OUT OF REACH OF CHILDREN.

DO NOT TAKE INTERNALLY.



M Masterchem Industries LLC

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