

Leveling Skimcoat

Sandable skim coat for use with Master Builders Solutions
Metallic Top Coat

COLORS

Light gray

PACKAGING

Packaging

70-lbs per 5-gallon pail
(32-kg per 19-liter pail)

COVERAGE

280 ft² (26 m²) per pail, applied in two coats

200 ft² (19 m²) per pail, applied in three coats

SHELF LIFE

2 years when stored in the original, unopened conditions in a cool, dry place away from direct sunlight. Store at minimum 40 °F (4 °C). Do not allow temperature to exceed 120 °F (49 °C).

FOR PROFESSIONAL USE ONLY

A preconstruction meeting is recommended to ensure that expectations of all parties are aligned prior to commencing application. A jobsite mock-up is also recommended to qualify workmanship.

DESCRIPTION

Master Builders Solutions Leveling Skimcoat is a sandable skim coat that is specifically formulated for use with Master Builders Solutions Metallic Top Coat.

USES

Master Builders Solutions Leveling Skimcoat is intended for use in exterior and interior applications. In exterior applications, it can be used with Master Builders Solutions Continuous Insulation, EIFS and stucco wall systems. Master Builders Solutions Leveling Skimcoat can be sanded to create a uniform substrate for application of Master Builders Solutions Metallic Top Coat.

EQUIPMENT

- Spiral or Jiffier type mixer paddle (dedicated/clean)
- Heavy duty 1/2 inch variable speed drill
- Stainless steel tapered Venetian trowel
- Ancora .817/RS-1 tapered soft plastic trowel (www.wind-lock.com) or equal
- Hand-held misting sprayer
- Drywall hand sander
- 100 and 150 grit drywall sandpaper
- Foam block sanders
- Orbital oscillating hand sander (optional)
- 3M Tack Cloth, Norton Abrasives microfiber tack cloth or equal

Recommended trowels

First coat: Stainless steel tapered 12x4 Venetian trowel

Second coat: Stainless steel tapered 12x4 Venetian trowel for initial application. Flexible plastic Venetian trowel to create the final

smooth appearance. Ancora makes a plastic trowel (article number .817/RS-1, available from Wind-Lock) that has been found to work well. **Note: Use of standard EIFS/stucco trowels (either new or broken-in) may result in uneven finish application.**

MIXING

Mix by using a clean spiral or Jiffier style mixer with a low speed drill. **Note: Do not use drywall mixing paddles.** Wipe sides of pail down with a water soaked rag to help eliminate dried particles from falling into the product. Mist a small amount of water over unused material before replacing the lid. Replace lid when not being used.

SUBSTRATE PROTECTION

Ensure that flashing, parapet caps and other means of protection are installed prior to application of Master Builders Solutions Leveling Skimcoat, so that moisture does not accumulate behind Master Builders Solutions Leveling Skimcoat during construction.

SURFACE PREPARATION

The surface should not contain irregularities. All divots, pits, mesh overlaps, and mesh patterns must be leveled and skimmed with a Master Builders Solutions Base Coat to correct any imperfections.

Note: To ensure a smooth surface, an additional layer of base coat is required prior to application of Master Builders Solutions Leveling Skimcoat. All leveling corrections must be made using base coat. Do not rely on Leveling Skimcoat to correct base coat imperfections.

APPLICATION CONDITIONS

Note: Provide full tenting to protect from wind and sun.

APPLICATION

Two coats of Leveling Skimcoat are required. Three or more coats may be needed to attain the desired level of surface smoothness.

1. Sand or stone existing surfaces to remove imperfections and trowel marks. Remove dust and debris.
3. Apply Master Builders Solutions Tinted Primer at a rate of 150-250 ft²/gal (14-23 m²/l). The color of Master Builders Solutions Tinted Primer is not important. Use of unpigmented Master Builders Solutions Tinted Primer tint base is acceptable. Allow primer to dry.
3. Apply the first coat of Master Builders Solutions Leveling Skimcoat using a 12x4 inch Venetian trowel at a uniform thickness of 10–15 mils. Maintain a wet edge at all times during application. Application thickness is critical. Where insufficient thicknesses are applied, rapid drying may result. Excessive thickness may cause check cracking.
4. Allow the first coat of Master Builders Solutions Leveling Skimcoat to partially cure, then sand the skim coat with 100-150 grit sandpaper to remove trowel marks and create a smooth surface. Change sandpaper frequently. For best results, sand Master Builders Solutions Leveling Skimcoat using a sanding block on the same day that it is applied, before it is fully cured.
5. Use a soft brush to remove dust, then wipe the sanded surface with a clean tack cloth to remove dust.
6. Extra care is needed with power sanders. If they are used, rotate sander in a figure-8 pattern to avoid creating a sanding pattern. Avoid sanding deep holes into the Master Builders Solutions Leveling Skimcoat surface.
7. **Insufficient Master Builders Solutions Leveling Skimcoat thickness can result in blister formation in subsequently applied Master Builders Solutions Metallic Top Coat.** If heavy sanding is needed to attain a smooth surface, reskim the entire panel with Master Builders Solutions Leveling Skimcoat as outlined in Steps 3 to 5 above.
8. Use a soft brush to remove dust, then wipe the sanded surface with a clean tack cloth to remove dust.
9. For the second and subsequent coats, a small amount of cool, clean, potable water may be used to adjust workability. **Do not add more than 10 oz of water per full pail of Master Builders Solutions Leveling Skimcoat.**
10. Apply the second and subsequent coats in thin (8–12 mil) applications, using the stainless steel trowel. Additional trowel pressure will be needed to ensure adhesion of the second and subsequent coats. Freestyle leveling is not recommended, since it can result in wavy surfaces that become evident in critical light.
11. Manipulate the second and subsequent skim coat applications using the flexible, plastic trowel to obtain a smooth, trowel-line free application. While manipulating the thin second and subsequent coats, be prepared to mist the surface of Master Builders Solutions Leveling Skimcoat and the face of the trowel with clean potable water, using a hand-held spray bottle. This will help maintain a wet edge if the skim coat begins to set before application is complete. Manipulate the surface until it is smooth, achieving a trowel line free application.
12. Allow the second and subsequent coats of Master Builders Solutions Leveling Skimcoat to partially cure, then sand the skim coat with 100-150 grit sandpaper to remove trowel marks and create a smooth surface. Change sandpaper frequently. For best results, sand Master Builders Solutions Leveling Skimcoat using a sanding block on the same day that it is applied, before it is fully cured.
13. Wipe the sanded surface with a clean tack cloth or slightly dampened microfiber cloth to remove dust.
14. Allow the final coat to cure for minimum 8-hours at ambient temperature greater than 50 °F (10 °C) and relative humidity less than 70%. If ambient temperature is less than 50 °F (10 °C) or humidity is greater than 70%, allow 24-hour dry time at minimum 40 °F (4 °C). Protect from rain and other moisture sources while curing.
15. **Insufficient Master Builders Solutions Leveling Skimcoat thickness can result in blister formation in subsequently applied Master Builders Solutions Metallic Top Coat.** If heavy sanding is needed to attain a smooth surface, reskim the entire panel with Master Builders Solutions Leveling Skimcoat as outlined in Steps 3 to 9 (two applications) above.
16. Wipe the sanded surface with a clean, clean tack cloth or slightly dampened microfiber cloth to remove dust.
17. After applying the final coat, use 100–150 grit sandpaper to create an ultra smooth surface.
18. Allow Master Builders Solutions Leveling Skimcoat to cure as described in Step 10. Wipe the sanded surface with a clean tack cloth or slightly dampened microfiber cloth to remove dust in preparation for application of Master Builders Solutions Metallic Top Coat.

LIMITATIONS

1. Limit the size of each panel to 24 ft² (2.2 m²), with no more than an 8 ft (2.4 m) panel length.
2. Attempting to create a smooth surface on large panels using a scissors or boom lift is not recommended. Large projects that employ Master Builders Solutions Leveling Skimcoat must be scaffolded. In addition to facilitating a more controlled application of Master Builders Solutions Leveling Skimcoat, protection from wind and intense sunlight will be needed for subsequent application of Master Builders Solutions Metallic Top Coat.
3. Protect Master Builders Solutions materials during transportation, storage and installation to avoid physical damage.
4. Air and substrate temperatures must be greater than 40 °F (4 °C) and less than 100 °F (38 °C) during application, and must be greater than 40 °F (4 °C) for the following 24 hours.
5. Do not apply Master Builders Solutions Leveling Skimcoat to hot surfaces or in direct, intense sunlight.

HEALTH, SAFETY AND ENVIRONMENTAL

Read, understand and follow all Safety Data Sheets and product label information for this product prior to use. The SDS can be obtained by visiting www.master-builders-solutions.com/en-us, e-mailing your request to mbsbcst@mbcc-group.com or calling +1 (800) 433-9517. Use only as directed.

IN CASE OF EMERGENCY: Call CHEMTEL +1 (800) 255-3924 or if outside the US or Canada, +1 (813) 248-0585.

VOC CONTENT

<50 g/L less water and exempt solvents.

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