



Thoro® Stucco

Advantages

- Available in a variety of colors and textures
- Integral color
- Water resistant
- Water-vapor permeable
- Easy to apply
- Low maintenance

Where to Use Thoro Stucco

- Exterior above grade applications
- Residential and commercial buildings
- Concrete block
- Concrete or cement plastered surfaces

Packaging

36 kg (80 lb.) bag

Color

Available in 15 colors, plus white and pearl gray. Special colors are available on request in full batch (2268 kg or 5000 lbs.) quantities only.

Refer to Thoro Stucco Color Chart (# 1019093).

Coverage

36 kg (80lb.)bag will cover approximately 4.5–5.5 m² (50–60 sq. ft.) at 5 mm (3/16") thick.

How to Apply Thoro Stucco

Surface Preparation

All surfaces to receive Thoro Stucco must be clean and structurally sound. All painted surfaces must be sandblasted first, cleared of any foreign matter, and scratch-coated before the application of Thoro Stucco. The scratch-and-brown base coat must be properly cured.

Mixing

1. Add approximately 8.5 to 9.5 L (2 1/4 to 2 1/2 gallons) of clean, potable water to a 36 kg (80lb.) bag of Thoro Stucco.

Note: Poly 1, at a ratio of 1:3, can be added to mixing water to improve bonding to cement based substrates. Replace 25% of mix water with Poly 1 to achieve 1:3 ratio.

2. Add only enough water to bring the Thoro Stucco to a lump-free consistency.
3. Machine mixing for 10 minutes is recommended for maximum workability. Avoid machine mixing when Poly 1 is used. Do not overmix.
4. Measure equal amounts of the mixing liquid for each batch to ensure color uniformity and mix each batch the same length of time.

Application

Uniform surface suction is essential for uniformity of finish. Uniform suction can be achieved by hand floating the base coat, allowing it to cure, and then uniformly spraying with clean water.

FOR APPLICATION BY TROWEL:

1. Apply a tight, thin coat of Thoro Stucco over the entire surface and then double back with the second application. Plan the work to completely finish one operation and avoid cold joints.
2. Allow the finish to stiffen before texturing with either a sponge, trowel, brush, or broom. Avoid thick coats. If buildup is needed, apply in successive thinner coats to reach the desired thickness.
3. Fog spray the finished application for 48 hours with clean water to ensure proper curing. If color is used, do not cure until the next morning.

FOR SPRAY APPLICATION:

Color and texture uniformity are more difficult to attain by spraying than troweling. Satisfactory results are possible by following these recommendations:

1. Apply a thin coat of Thoro® Stucco by trowel over the entire area to be treated. Allow this application to reach initial set. Then spray on Thoro Stucco, moving the nozzle with a steady, even stroke, maintaining a uniform distance from the wall and evenly distributing the material. Do not angle the nozzle; it will cause a buildup of material. Avoid heavy spray applications.
2. Mix Thoro Stucco exactly the same for each application. Do not overwet the mix-separation, texture variation, lower strengths and discoloration will occur. Spray to a natural break to avoid cold joints and work from a wet edge. Total thickness of the trowel and spray applications should be a minimum of 3 to 5 mm (1/8" to 3/16").

For Best Performance

- Final results depend ultimately on the applicator. Good plastering practices must be used. All workers must use the same technique and the same type of tools in the same way.
- Lighter shades are recommended for float finishes. Color variations are more likely to occur with darker, more heavily pigmented colors.
- Do not apply to frozen or frost-filled surfaces or when temperature is 4°C (40°F) or is expected to fall to 4°C (40°F) within 24 hours.
- Do not use over or with any gypsum-based plasters.
- Protect Thoro Stucco from moisture during storage and on the job.
- Do not use over painted surfaces.
- To verify the most current version of this data guide is being used, visit www.sonowall.cc or call Customer Service (1-800-221-9255).
- Proper application is the responsibility of the user. Field visits by BASF personnel are for the purpose of making technical recommendations only and are not for supervising or providing quality control on the jobsite.
- The use of Poly 1 in Thoro Stucco may slightly darken the color. Color acceptance should be verified with jobsite mock-up.

Note: Due to the inherent nature of dry pigmented products, variances in ambient temperature during the curing period or in the temperature and amount of water used during mixing may result in color variations. Color variations are more likely to occur with darker more heavily pigmented colors.

Technical Support

Consult BASF Wall Systems' Technical Service Department (1-800-221-9255) for specific recommendations concerning all other applications. BASF Wall Systems is an operating unit of BASF Construction Chemicals, LLC. (hereinafter referred to as "BASF Wall Systems")

Health and Safety Information

CAUTION

Thoro Stucco contains iron oxide, crystalline silica, iron (III) oxide monohydrate, Portland cement.

RISKS

May cause skin, eye, or respiratory irritation. Ingestion may cause irritation.

PRECAUTIONS

KEEP OUT OF THE REACH OF CHILDREN. Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling. Keep container closed when not in use. DO NOT take internally. Use only with adequate ventilation. Use impervious gloves, eye protection and if the TLV is exceeded or used in a poorly ventilated area, use NIOSH/ MSHA approved respiratory protection in accordance with applicable federal, state, and local regulations. All label warnings must be observed until container is commercially cleaned or reconditioned.

FIRST AID

In case of eye contact, flush thoroughly with water at least 15 minutes. In case of skin contact, wash affected areas with soap and water. If irritation persists, SEEK MEDICAL ATTENTION. Remove and wash contaminated clothing. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs or if swallowed, SEEK IMMEDIATE MEDICAL ATTENTION.

Refer to Material Safety Data Sheet (MSDS) for further information.

PROPOSITION 65

This product contains materials listed by the state of California as known to cause cancer, birth defects, or other reproductive harm.

VOC CONTENT

This product contains 0 g/L or 0 lbs per gallon, less water and exempt solvents.

**FOR MEDICAL EMERGENCIES ONLY: CALL CHEMTREC
1-800-424-9300.**

Residential Policy

On one and two-family residential framed construction, BASF Wall Systems requires that the wall system selected be one that includes provisions for moisture drainage. The choices include water managed EIFS, SonoWall Stucco Wall Systems, and SonoWall Cement-Board Stucco™ Wall Systems. SonoWall Exterior Surfacing Systems for insulating concrete forms are also acceptable. There are no exceptions to this policy. Under no circumstances will BASF Wall Systems warrant the use of any other system on this type of construction without expressed written authorization from BASF Wall Systems [Residential construction using EIFS on masonry (CMU) or poured concrete does not require the additional water management provisions described above.]

See the SonoWall *Residential Policy Bulletin* for a more detailed discussion of this topic. Consult BASF Wall Systems Technical Services Department for specific recommendations concerning all other applications. Consult the SonoWall web site, www.sonowall.cc for additional information about products and systems and for updated literature.

Disclaimer

This information and all further technical advice are based on BASF Wall Systems' present knowledge and experience. However, BASF assumes no liability for providing such information and advice including the extent to which such information and advice may relate to existing third party intellectual property rights, especially patent rights. In particular, BASF Wall Systems disclaims any and all CONDITIONS AND WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY. BASF WALL SYSTEMS SHALL NOT BE RESPONSIBLE FOR CONSEQUENTIAL, INDIRECT OR INCIDENTAL DAMAGES (INCLUDING LOSS OF PROFITS) OF ANY KIND. BASF Wall Systems reserves the right to make any changes according to technological progress or further developments. It is the customer's responsibility and obligation to carefully inspect and test any incoming goods. Performance of the product(s) described herein should be verified by testing and carried out only by qualified experts. It is the sole responsibility of the customer to carry out and arrange for any such testing. Reference to trade names used by other companies is neither a recommendation, nor an endorsement of any product and does not imply that similar products could not be used.

BASF Construction Chemicals, LLC. Wall Systems

3550 St. Johns Bluff Road South
Jacksonville, FL 32224-2614
Phone 800 • 221 • 9255
Fax 904 • 996 • 6300
www.sonowall.cc