



SonoWall

Thoro® Stucco

DATA GUIDE
1025838

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 and crack resistant qualities. 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 Acryl 60 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.

Application ~Continued

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 or 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 SonoWall personnel are for the purpose of making technical recommendations only and are not for supervising or providing quality control on the jobsite.

- Poly 1 should be used when applying Thoro Stucco over a polymer-modified stucco base coat.
- 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 Data

Component materials meet ASTM requirements and federal specifications

Technical Support

Consult the SonoWall Technical Services Department (1-800-589-1336) for specific recommendations concerning all other applications.

Health and Safety Information

DANGER

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

RISKS

Product is alkaline on contact with water and may cause injury to skin or eyes. Ingestion or inhalation of dust may cause irritation. Contains a small amount of free respirable quartz, which has been listed as a suspected human carcinogen by NTP and IARC. Repeated or prolonged overexposure to free respirable quartz may cause silicosis or other serious and delayed lung injury.

PRECAUTIONS

KEEP OUT OF THE REACH OF CHILDREN. Avoid contact with skin, eyes and clothing. Prevent inhalation of dust. 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 is used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable federal, state, and local regulations.

FIRST AID

In case of eye contact, flush thoroughly with water for at least 15 minutes. In case of skin contact, flush 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. In case of ingestion, 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 a VOC content of 0 g/L or 0 lbs per gallon less water and exempt solvents.

Residential Policy

On one and two-family residential framed construction, Degussa Wall Systems, Inc. requires that the wall system selected be one that includes provisions for management of incidental moisture. The choices include water managed EIFS,

SonoWall Stucco Systems, and SonoWall Cement-Board™ Wall Systems. SonoWall Exterior Surfacing Systems for insulating concrete forms are also acceptable. There are no exceptions to this policy. Under no circumstances will Degussa Wall Systems, Inc. warrant the use of any other system on this type of construction without expressed written permission from Degussa Wall Systems, Inc. [Residential construction using EIFS on masonry (CMU) or poured concrete does not require the additional water management provisions described above.]

Consult Degussa 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.

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Degussa Wall Systems, Inc.

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