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DECO 20 SEAL APPLICATORS GUIDE

Deco 20 Seal is code compliant with the International Code Council (ICC) as a Below Grade Foundation Waterproofing material. Deco 20 Seal is approved at 30 wet mils and has passed all ASTM's under the Alternative Criteria (AC 29) by the ICC as an alternative to the standard 60 mil wet Bituminous application. Deco 20 Seal is not intended to replace the installation of a properly installed drainage system or properly installed foundation wall.

If this product is new to your area it is recommended to contact your local building inspector to introduce them to the material and its benefits.

On masonry block walls, Deco 20 Clear Penetrating Concrete Sealer must be used as a primer prior to the application of Deco 20 Seal. See applicators guide for installation details.

Keep a copy of the product Data Sheet and material SDS on hand and review for your own knowledge and safety. Because Deco 20 Seal is non-hazardous no special clothing or vehicle permits are required. Safety glasses, masks and gloves do provide additional protection.

Deco 20 Seal is a water based acrylic polymer resin. Because of the water based nature of this product it can be applied to damp and green concrete walls. Unlike Bituminous (asphalt) materials that deteriorate in sunlight, Deco 20 Seal is resistant to Ultra Violet rays and is intended to be applied to the top of the walls, above grade lines.

The material should always be mixed prior to use. Do not add water and keep the material stored out of direct sunlight in temperatures above freezing.

SURFACE PREPARATION

1. Remove any loose concrete or other projections from the wall surface with a brush or broom.
2. Inspect surface for any cracks, imperfections or excessive honeycombs. If present, contact the builder to inform him of the deficiencies.
3. Allow time for all form oil or solvents to dissipate if applying immediately after the form have been removed.
4. Patch all below grade tie locations, honeycombs and deficiencies with Deco Tie Patch or other material designed to repair these locations. Do not apply Deco Tie Patch over 100 mil thick. Use a hydraulic cement for larger such areas.
5. Sweep all dirt and debris from footer and pay particular attention to the intersection at the footing and wall. This is a key when waterproofing a foundation.

EQUIPMENT

Deco 20 Seal can be applied with paint brushes and rollers. For best product yield and even application it is recommended to use an airless paint sprayer that achieves a flow rate of 1.5 to 2 gallons per minute. A typical machine would be a Graco 7900. Other brands with equal performance are also acceptable. Tip size should be a reversible .531 or .631 spray tip. Use only #30 mesh filters in pump and remove any filters from spray gun. Keep pressure between 1,000 to 2,000 PSI.

APPLICATION

1. This product can be applied when the air temperature is 28 degrees and rising at the time of application. Minimum allowable temperatures are affected by wind, sunshine, humidity and heat of hydration.
2. Position vehicle in a safe place on one corner of foundation wall. Roll out hose and walk around to opposite corner of foundation. Verify that builder wants material applied above grade.
3. Begin at the bottom of wall where the footing and wall meet. Turn tip parallel with wall and spray a bead of material about an inch above the footing. This will add extra protection at the seam where the wall and footing meet.
4. In a side to side motion evenly apply material to the wall as you proceed up to the top of the foundation.
5. The material shall be installed to a 30-mil wet application which will dry down to approximately 18 dry mil (+ or – 3 mils). There are two ways of achieving this thickness.
 - A. For new applicators or when applying with a roller and brush, it is recommended to apply a first coat to 15 wet mils and then reapply a second 15 mil coat after the initial surface has cured.
 - B. For experienced applicators, a 30-mil wet application can be achieved in one application.
 - C. 15 and 30 wet mil gauges are available from Deco Products. Please ask your rep if you need assistance on how to use these gauges.
6. Pay close attention to corners of windows, tie holes, cold joints and other places of concern when applying material.
7. Material must be completely cured prior to any installation of a protection, drainage or any other board can be applied.

CLEAN UP

Air is the enemy in keeping the system clog free. Attempting to flush the system can create more problems than leaving the entire unit fully charged at all times with Deco 20 Seal. Also keep the end of the wand in water to prevent material hardening on the reversible tip.

Always perform a jobsite test to ensure desired results will be achieved.

