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DECO 20 PENETRATING CONCRETE SEALER APPLICATORS GUIDE

Deco 20 Penetrating Concrete Sealer (Deco 20) is code compliant with the International Code Council (ICC) as a Below Grade Foundation Dampproof material. Deco 20 has passed all ASTM's under the Alternative Criteria (AC 29) by the ICC as an alternative Bituminous (asphalt) dampproofing. Deco 20 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.

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

Deco 20 is a clear reacted silicate in water based solution. 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 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.

The primary use of Deco 20 is to dampproof concrete and masonry foundation walls. However, Deco 20 can be used as a primer coat on masonry walls when waterproofing with Deco 20 Seal.

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.

EQUIPMENT

Deco 20 can be applied with paint brushes and rollers. For best product yield and even application it is recommended to use a hand pump sprayer or a low pressure pneumatic spray canister (100 PSI max) with an orifice size of 0.035 inches to insure proper material application.

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. It is best to apply early in the morning at cooler temperatures before the concrete heats up.
 - A. The longer Deco 20 has to dry the more effective it will work. If you are unable to apply early in the morning and the wall has heated up it is best to spray a mist of water on the wall to break the surface tension and prevent the Deco 20 from flash drying on the surface. Undesirable results can happen leaving streaks and uneven lines on the surface when applied to a hot wall.
3. Begin at the bottom of wall where the footing and wall meet. Turn tip parallel with wall and spray a heavy amount of material to insure product completely saturates the intersection where the wall is placed on the footer.
4. In a side to side motion evenly saturate the concrete as you proceed up to the top of the foundation. Continue until the complete foundation has been sealed. Do not interrupt application.
5. Because Deco 20 is water based it is not possible to apply a second coat.
6. Material must be completely cured prior to any installation of a protection, drainage or any other board can be applied.

CLEAN UP

Product is easily cleaned up with soap and water. Do not get material on glass, metal, glazed tile or any other surface not intended to be sealed.

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

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Suggested Sprayers

