



ArmourTone[®]
ABUSE RESISTANT FINISHES

Barrier Coat[™]

Description

ArmourTone Barrier Coat is a trowel applied waterproofing basecoat and crack repair material designed for parapets, sills, shower enclosures and below grade applications. Barrier Coat is a proprietary mixture of acrylic and silicone resin, crushed screened marble aggregate and proprietary additives.

Uses

Barrier Coat may be used over stucco, EIFS, prepared concrete masonry in exterior applications. Product may also be used over drywall, cement board, gypsum plaster or prepared concrete masonry in interior applications. Barrier Coat has excellent adhesion properties and will resist efflorescence. Barrier Coat may be used as an adhesive.

Color

White: using white cement
Light Grey: using grey cement

Packaging

50 lb. (22.68kg.) plastic pail

Coverage

Approximate coverages 50 lbs. embedding 4 oz. mesh = 120-175 ft.² (coverage is based on using medium finish and will vary depending on texture, substrate and suction).

Vapor Permeability

Barrier Coat is impermeable to water in liquid form, but breathable to water vapor.

Mixing

Mix with a drill mixer and jiffler (or similar) paddle. Do not exceed 400 rpm when mixing or the product could be air entrained which will increase "pinholing" and decrease bonding characteristics. Pour ½ of Barrier Coat into a clean pail then slowly add

cement at a ratio of 50:50 by weight with Barrier Coat and mix until achieving a lump free consistency. Up to 12 ounces of clean potable water may be added to Barrier Coat until desired consistency is achieved. Let stand for 2-3 minutes then remix for 10-30 seconds then apply.

Limitations

Use Barrier Coat when surface and ambient conditions are above 40°F and below 100°F during application and cure time. Barrier Coat is not recommended for use on non-load bearing or frozen substrates. Barrier Coat should be protected from rain for a minimum of 24 hours (if curing at low temperatures, protect for 2 days).

Surface Preparation

Surfaces must be clean and free of bond-inhibiting materials such as dirt, dust, rust, grease, oil, efflorescence, mildew, fungus, form-release agents, or any other contaminants. Remove and repair any loose paint, mortar, stucco, concrete or masonry by water blasting, sand blasting, scraping or using a wire brush. Substrate should be securely fastened. Repair all cracks with appropriate patching compound. Mask off area accordingly.

Application

ArmourTone Barrier Coat should be applied with a stainless steel trowel. Enough material should be applied to cover all surfaces at approximately ⅛" in 1 coat. Always apply Barrier Coat in continuous application, working to a wet edge to avoid cold joints. Immediately embed mesh into wet Barrier Coat and trowel out from center tightly until all mesh is completely covered. If mesh pattern is seen, apply another tight coat of Barrier Coat. Detail areas may be

finished with a slightly dampened sponge float or paint brush. As a crack repair material (up to 1/8") use a stainless steel trowel and work material into crack by pressing Barrier Coat to each side of crack until material "bulges" out of crack. Then trowel a coat a few inches to each side of crack and imbed mesh. Feather Barrier Coat with a sponge beyond the edges of the mesh.

Shelf Life

Minimum of one year when stored in a cool dry location out of direct sunlight and kept from freezing.