

PROCOR®

Fluid applied waterproofing for below grade structures

DESCRIPTION

Procor is a low odor, damp surface tolerant two component, synthetic rubber, cold vulcanized, fluid applied waterproofing membrane. It cures to form a resilient, monolithic, fully bonded elastomeric sheet with the ability to bridge concrete shrinkage cracks. Procor will protect below ground structures against water and water vapor ingress.

INSTALLATION

Application

Procor fluid applied waterproofing membranes are typically applied at a minimum thickness of 1/16". Procor can be installed by hand or using airless spray application.

Surface Preparation

Surface must be clean, free of contaminants and irregularities.

Application Temperature

- **Hand Application:** Ambient and substrate temperature >40°F.
- **Spray Application:** >20°F, provided there is no frost or condensation.

Application to "Green" Concrete or Damp Surfaces

Procor may be applied to "green" concrete or over surfaces which are damp to the touch. Do not apply Procor waterproofing membranes in wet weather. Once applied, the membranes will not be affected by light rain showers.

Detailing

Detailing should be completed prior to applying the full coverage of Procor membrane. The continuous field application should completely cover the detail areas to provide double thickness coverage.

Inside and Outside Corners

- Apply a 1/16" coating of Procor membrane starting in the corner and extending 6" from each side.

Non-moving Joints and Hairline

- Apply a 1/16" coating of Procor membrane over joints and extend the material 6" from each side of the opening.

Drains and Penetrations

- In drain applications, apply a 1/16" coating of Procor membrane over the drain flange and extend 6"

PRINCIPAL APPLICATIONS

New and remedial waterproofing applications:

- Concrete and masonry basements
- Retaining walls
- Split slab applications
- Floors

Hand Application on Horizontal Surfaces

Pour the mixed material directly from the container and spread using a steel trowel, flexible spreader, float or screed.

The membrane can typically accept foot traffic after 24-48 hours.

Hand Application on Vertical Surfaces

On vertical applications, scoop the Procor directly from the pail and apply directly from the container onto the vertical surface and follow directly behind it with a 12-18" straight edge steel trowel.

Thickness Control

Application thickness is controlled by marking the area and spot checking the thickness with a wet film thickness gauge.

Drainage, Protection, or Insulation

On horizontal applications, use Hydroduct 660 Drainage Composite. Alternate methods of protection are 1/8" or 1/4" asphalt hardboard. Extruded polystyrene insulation boards may also be used and are compatible with Procor membranes. On vertical applications, use Hydroduct 220 Drainage Composite.

Spray Application

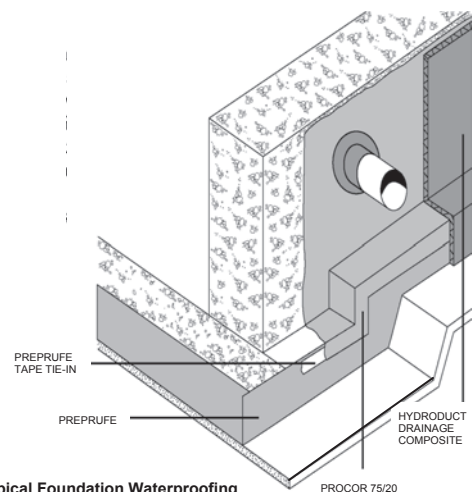
Procor 75 Membrane may be spray applied to horizontal and vertical surfaces using qualified spray equipment systems. Mixing occurs within the spray gun assembly. Pre-mix Part A prior to pumping to bring any settled material back into solution.

SYSTEM COMPONENTS

- Procor 75 Spray Grade—for horizontal and vertical applications
- Procor 10 Pourable Grade—for horizontal applications
- Procor 20 Trowel Grade—for vertical applications and details

Mixing and Pot Life (Hand Application)

Add the entire contents of the Part B container to the Part A container and mix either mechanically for about one minute, or for hand mixing, use a flat board or paddle and mix for about two to three minutes. The mixed product should have a uniform color. Once properly mixed, the pot life is typically 30-60 minutes depending on ambient temperature.



PACKAGING & COVERAGE

PROCOR 75—75 gallon kit, yields 1875 sq. ft/kit at 60 mils
 PROCOR 10—5.3 gallon kit, yields 132 sq. ft/kit at 60 mils
 PROCOR 20—1.9 gallon kit, yields 47 sq. ft/kit at 60 mils
***Note: 60 mils equals approximately 1/16"**

WATERPROOFING