



Concrete Admixtures and Fiber

CEMPOL

Acrylic Adhesive and Admixture for Concrete and Mortar

DESCRIPTION

CEMPOL is an acrylic polymer emulsion specifically synthesized for producing polymer modified concrete mortar or bonding grout. When incorporated into Portland cement mixtures, **CEMPOL** will not reemulsify or rewet. It will form a membrane with water proofing qualities that set fast and increase the strength in hours.

USES

• **CEMPOL** is used in mortar mixes to repair concrete surfaces.

- As a bonding agent to bond new concrete to old.
- As an exterior or interior waterproofing membrane used above or below the ground level.
- For waterproofing concrete roofs, ceilings and walls.
- Resurfacing of light traffic floors.
- Resurfacing of surfaces exposed to abrasion in moving water jobs.
- **CEMPOL** is used as adhesive for floor tiles and ceramics.

ADVANTAGES

- Reduce permeability
- Reduce contraction
- Fast set for prompt use
- Increased compression and flexural strength.
- Increased resistance to impact and abrasion.
- Produce resistance to most acids and alkalis, oil and gasoline.
- **CEMPOL** is not toxic

INTERNATIONAL MATERIALS INDUSTRIES, L.L.C.

2800 N. Johnson St*New Orleans, Louisiana 70117 * PHONE: (504) 267-3344 * Fax: (504) 267-3345

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APPLICATION

Surface Preparation:

The surface should be completely dry, sound and free of paint, oil, dust or other foreign materials. The preparation of the surface should be done with mechanical equipment such as sand or water blasting.

Cementitious Membrane:

Mix 3 liters of CEMPOL diluted 1:1 with water, with 4 kgm of gray or white portland cement. Mix until a thick paint is formed. Add cement until a desired thickness of the mixture is obtained. Apply over the prepared surface with a brush or roller. It is important that the surface is bone dry, to let the solids of the acrylic penetrate the surface and bond firmly. The application should be done in two coats of 12mm approx. and with a standing period of two hours between coats. CEMPOL dries in 30 minutes. Do not prepare more than can be applied in 30 minutes.

CEMPOL Mortar Preparation:

Dilute CEMPOL at the rate of 1 part CEMPOL to 3 parts water. Mix – 2 parts sand, 1 part cement. Mix and add diluted CEMPOL as suggested above until an adequate consistency for plastering is obtained.

Concrete Preparation:

Mix – 2 parts gravel, 1 part sand and 1 part cement. Mix and add diluted CEMPOL as suggested in the last paragraph, until an adequate consistency for concrete is obtained (15 cm. Slump)

TECHNICAL INFORMATION

Color:	White
Density	Approx: 1.08 kg./L.
% Solids	50 ± 0.5
Máximum dilution with water:	Acrylic: water, 1:5

