



Three-pack primer for damp substrates

DESCRIPTION

Three-pack epoxy-cement adhesion promoter, based on epoxy resins in water emulsion, cement, adducts, and inert materials. Suitable for damp substrates. For indoor and outdoor use. For professional use.

MAIN PROPERTIES

- For damp substrates
- Slight counterthrust

TECHNICAL DATA

Classification UNI 8681	Three-pack, chemical-reactive hardening epoxy base coat paint in aqueous emulsion, matt finish (B2.B.2.C.2.DA)
Film aspect EN 13300	Matt (≤ 10 gloss 85°)
Thickness EN 13300	Class B, medium ($100 > 300 \mu\text{m}$)
Maximum applicable thickness	2mm per coat
Adhesion on concrete	$> 1.5 \text{ MPa}$
Specific weight	(A + B + C): $1500 \pm 50 \text{ g/l}$
Type of binder	Epoxy (UNI 8681:DA)
Solid content	(A + B + C): $84 \pm 2\%$
Pot Life	Approx. 45 min
Catalysis ratio (weight)	A : B : C = 1 : 2 : 5
Drying time	Touch dry: 6 hrs Fully dry: 24 h depending on the environmental conditions
VOC	Cat A/j: limit 140 g/l (2010) This product contains a maximum of 87 g/l of VOCs

CHARACTERISTICS	
Colour range	Cement grey
Coverage	1.5 kg/m ² per mm of thickness
Coverage per pack	
Dilution	brush, roller: 20% with water spatula (as skim coat): 'as is'
Diluted with	Water
Overpaintable	After 24 hours, and not more than 36 hours, with any other film-forming product. After 36 hours, careful sanding is required.

APPLICATION

Suitable Substrates:

Base coat paint for cement substrates that are damp or in slight counterthrust, for floors, tanks, sewers, basins, canals, etc. Can be used as a skim coat to even out irregularities on cement-based substrates, provided they are no more than 2 mm thick.

Preparation of the Substrate:

All substrates should be carefully prepared by manual brushing and/or washing, making certain that there is no efflorescence, loose parts, release agents, waxes, oils or anything else that could compromise adhesion. Remove any loose paint and wet the substrate before applying the first coat of AQUACEM

Application Procedure:

The three packs are supplied in pre-weighed containers ready for mixing: never mix using measuring cups or, even worse, by eye! The packs must be carefully and thoroughly mixed. If the packs are not properly mixed, the product will not harden in the set amount of time and this will cause problems for overpainting. If such problems arise, the entire coating must be completely removed and the application repeated. Prepare the smoothing mortar by adding pack B to pack A and mixing for a few minutes with a mechanical mixer. Add pack C to the mixture thus obtained. Dilute as indicated for roller or brush application.

Type of Equipment:

Roller, brush, spraying equipment

Ambient Conditions:

Application temperature: min 10°C max 35°C RH max 80% The product cannot endure moisture in the 8 hours after application

STORAGE

Packaging:

Pack A: 1 kg – 2 kg

Pack B 2 kg – 4 kg

Pack C: 5 kg – 10 kg

Duration and Preservation:

1 year when stored in undamaged packages at between 5 and 30°C; cannot endure frost and direct sunlight

Dispose of in accordance with local regulations.

For information on possible hazards, refer to the safety data sheet

TECHNOLOGIES/CERTIFICATIONS