

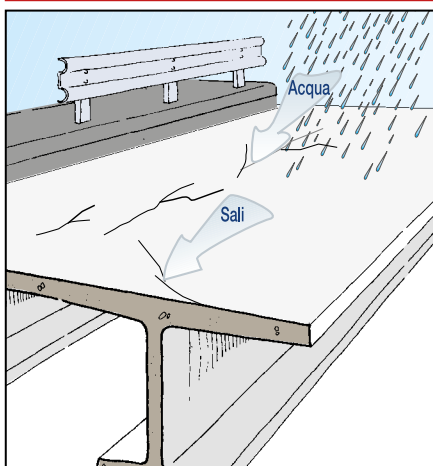
BASE PRIMER AB

WATER-BASED IMPERMEABLE EPOXY PRIMER

CHARACTERISTICS			ENVIRONMENTAL	METHOD OF USE				PRECAUTIONS
TWO-COMPONENT	WATER BASED	WATERPROOFING		MIX MECHANICALLY	SPRAY APPLICATION	APPLY BY BRUSH	APPLY BY ROLLER	STORAGE: KEEP AWAY FROM FROST

PROBLEM

CONSOLIDATING AND WATERPROOFING THE SURFACES



SOLUTION

BASE PRIMER AB is a water-based impermeable epoxy primer with a high mechanical and chemical resistance. **BASE PRIMER AB** consists of 2 liquid components. Component "A" is a mixture of a special epoxy resin, component "B" consists of a mixture of special hardeners. A very workable liquid product is obtained by mixing the two components, with a high chemical, mechanical and abrasion resistance. Once hardened, the product will be a transparent film. The product may be diluted up to 30% with clean water to encourage penetration into the various supports.



APPLICATION FIELDS

BASE PRIMER AB may be used as impermeable impregnating agent on concrete or as consolidating agent for concrete industrial paving, waterproofing agent and vapour barrier on decks, balconies, terraces, underground spaces etc. also when subject to water counter thrust. It is also ideal in aggressive environments such as the marine environment.

ADVANTAGES

- High adhesion.
- High impermeability.
- High penetration.
- High chemical and mechanical resistance.

METHOD OF USE

• SURFACE PREPARATION

Existing concrete or concrete mortar surfaces must be carefully cleaned of oils, grease, dust and suitably repaired with mortar of the RE-SISTO line if necessary.

• MIX PREPARATION

Mix component **A** with component **B**, using a drill at low speed for the time necessary to form a creamy paste, avoiding entrained air (1). If necessary, dilute with water by mixing it until the necessary fluidity is obtained (maximum 30% by weight of water).

• APPLICATION

BASE PRIMER AB may be applied with a paintbrush, roller or airless (2).

The product is applied in the quantity necessary to impregnate the surface to be treated. Adjust dilution with water depending on the porosity of the support.

If necessary for subsequent work, apply some quartz sand when the product is still fresh.

Higher temperatures shorten the work time; check whether the product has already catalysed by touching it.

Applied pure and undiluted it may be used

as an adhesion promoter in the construction joints (fresh on fresh).

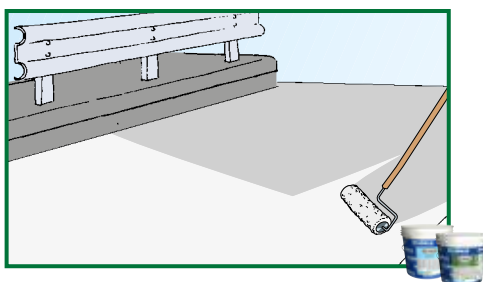
The new construction must have a plastic or semifluid consistency to avoid removing the undercoat.

• COVERAGE

From 100 to 250 gr/m² as primer, or from 250 to 600 gr/m² as construction joint.

• APPLICATION WARNINGS

- Do not use in temperatures exceeding 35°C and protect from solar radiation.
- Do not add water while setting.
- Immediately clean tools after use with water or alcohol.
- Do not use in temperatures lower than +10°C.
- Protect the applied product from frost and high temperatures.



TECHNICAL CHARACTERISTICS

	Standard	BASE PRIMER AB	
		COMPONENT A	COMPONENT B
Appearance		Creamy fluid	Liquid
Mix ratio		1	1
Volume mass	EN 2811-1	NPD	NPD
Colour		Pale yellow	
Storage in original packaging in a dry place		12 months	
Mix properties and workability			
Volume mass of the mix		1.06 ± 0.10 kg/L	
Wait time - for dust-free drying (*)		≥4 hours	
Wait time - for the over-coverage (*)		min. 12 hours - max 48 hours	
Wait time - for complete hardening (*)		7 days	
Pot-life - at 20°C (*)		≥4 hours	
Application temperature		+10°C ÷ +35°C	
Performance characteristics	Standard	Product performance	
Class and type	EN 1504-2	C - PI-MC-IR	
Permeability to aqueous vapour	EN 7783-1	Sd >50 m - class III	
Adherence test	EN 1542	≥2.5 MPa	
Capillary water absorption	EN 1062-3	w<0.1 kg/m²·h ^{0.5}	
Permeability to CO₂	EN 1062-6	Sd >50 m	
Water absorption		<0.1% in weight	
Thermal resistance - Working temperature		-30°C ÷ +90°C	
Hazardous substances	EN 1504-2	Complies with note in ZA.1	

Test conditions: temperature 23±2°C, R.H. 50±5% and air speed in test area <0.2 m/s. The data shown may vary depending on the specific work site conditions: temperature, humidity, ventilation, absorbency of the base coat.

(*) The stated times are longer or shorter as the temperature decreases or increases.

In compliance with the general principles defined in EN 1504-2 - General principles for the use of products and systems.

the numerous possible uses and the possible interference of conditions or elements beyond our control, we assume no responsibility regarding the results which are obtained. The purchasers, of their own accord and under their own responsibility, must establish the suitability of the product for the envisaged use.

The figures shown are average indicative figures relevant to current production and may be changed or updated by INDEX at any time without previous warning. The advice and technical information provided, is what results from our best knowledge regarding the properties and the use of the product. Considering

PACKAGING

BASE PRIMER AB

- Component A:
- Component B:

25.0-kg

12.5-kg-bucket

12.5-kg-bucket

• FOR ANY FURTHER INFORMATION OR ADVICE ON PARTICULAR APPLICATIONS, CONTACT OUR TECHNICAL OFFICE • IN ORDER TO CORRECTLY USE OUR PRODUCTS, REFER TO INDEX TECHNICAL SPECIFICATIONS •

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