

# ECOVER

BITUMINOUS WATER-BASED PRIMER FOR CONCRETE

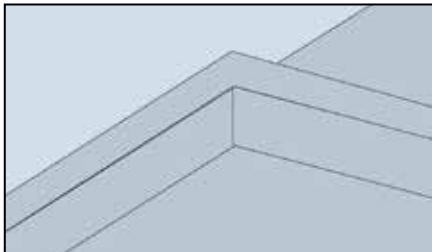


GRANTS *LEED* CREDITS

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

## PROBLEM

**BLOCK THE DUST ON THE CONCRETE SUPPORTS ECOLOGICALLY**



How to block dust and porosity of concrete with a product that has a high penetration factor and dries fast to allow waterproofing layer being installed quickly using a water-based product, so there are no risk of fire hazards, the product is not harmful and produces no unpleasant vapours when drying if used in residential areas.

## SOLUTION

**ECOVER** is a bituminous water-based primer for improving the anchorage of primer even on damp concrete funds (max. 3%).

If applied as a thick waterproofing paint, when dry, it produces a film with a strong anchorage on every type of substrate without any degree of superficial stickiness. It also has excellent penetrating, adherence and consolidation properties when applied to dry concrete surfaces.

## ADVANTAGES

- Optimal adhesion on concrete
- Excellent adhesion of the polymer bitumen membrane on the dry film of **ECOVER** primer
- Non-toxic product, free of solvents
- Completely odourless.
- High penetration.
- It can be applied on slightly damp surfaces.

## APPLICATION FIELDS

It is suitable for saturating cement decks in addition to preparing an excellent anchorage for liquid bituminous waterproof coverings or prefabricated polymer-bitumen membranes.

**ECOVER** fixes superficial cement dust providing excellent adhesion for waterproofing layers which require a strong and permanent adhesion to the support.

**ECOVER** is specifically used for applications on dry concrete viaducts and bridges before the application of polymer-bitumen membranes.

**ECOVER** is used as a waterproofing paint on cement foundation walls, as a fixative and consolidating primer for surfaces in cement, timber and metal. Furthermore it is used to protect and waterproof pipes and metal tanks both outdoors or underground.

## METHOD OF USE

### • PREPARING THE SUBSTRATE

For best results, the concrete surfaces to be treated must be as dry as possible or only slightly damp. They must also be perfectly clean, without any loose parts, and be free from oil, grease and powdering.

### • APPLICATION

**ECOVER** is ready to use; it can be applied with a wide brush, brush, roller or spray (1).

It can be diluted with roughly 15-20% clean water pouring it slowly while stirring.

The quantity of primer to be used depends on

the porosity of the surface and the type of finish required on the surface being treated. The polymer bitumen membranes are laid on the concrete surface, treated with primer (2), after leaving to dry for a time that ranges from a minimum of three hours (if perfectly exposed to the sun) to eight hours, in more critical conditions, to ensure total drying of the painted bitumen film. A second coat can be possibly applied only after the first coat has dried perfectly.

### • COVERAGE

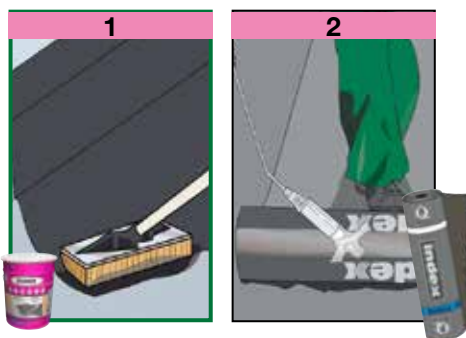
The estimated yield on concrete surfaces is roughly 350-500 g/m<sup>2</sup>, while on metallic surfaces the yield is roughly 200-300 g/m<sup>2</sup>.

### • PRECAUTIONS

- Do not use inside houses or in non-ventilated environments.
- We do not recommend applying the product in winter at low temperatures. Avoid applying the product in very hot or very cold weather. Do not apply if the temperature is likely to drop below +5°C while the paint film is drying.
- The product will be damaged by frost. The

bituminous dispersion becomes unstable if lumps form. If the product freezes it cannot be used again.

- Do not use if rain is imminent or when the temperature is likely to drop below +5°C; apply the product when the temperature of the substrate is above +5°C.
- Do not use the primer to waterproof tanks, cellars or drains subject to high water counterthrust or to water under pressure.
- Do not apply the product to waterproof surfaces or containers in contact with liquids for human consumption, drinking water or which may come into contact with solvents or mineral oils.
- After use clean tools using diesel or other common thinners (synthetic, white spirit or nitro thinner). It is recommended to immerse the tools in the thinner also during use, to prevent any product residue drying and making the tools unusable.
- Store in original packaging at a temperature of not below +5°C. Close containers after use.



## TECHNICAL CHARACTERISTICS

	Standard	<b>ECOVER</b>
Appearance		Liquid
Colour		Black
Density	<b>EN 2811-1</b>	1.00 ± 0.10 kg/L
Dry residue - at 130°C	<b>UNI EN ISO 3251</b>	35 ± 4%
DIN 4 cup viscosity	<b>UNI EN ISO 2431</b>	10 ÷ 20 seconds
Storage in original packaging in a dry place, away from frost		12 months
<b>Workability characteristics</b>		
Application temperature		+5°C to +35°C
Waiting time - for dust-free drying (*)		1 hour
Waiting time - till tack-free drying (*)		2 ÷ 3 hours
Application		manual or spray

Test conditions: temperature 23±2°C, 50±5% R.H. and air velocity in test area <0.2 m/s. **These parameters may vary based on the specific conditions of the worksite: temperature, humidity, ventilation, porosity of the substrate.**

(\*) The times indicated will be longer or shorter as the temperature drops or rises.

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

20-litres pails  
10-litres pails  
5-litres cans

• 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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