

ECOVER ANTIPUMPING

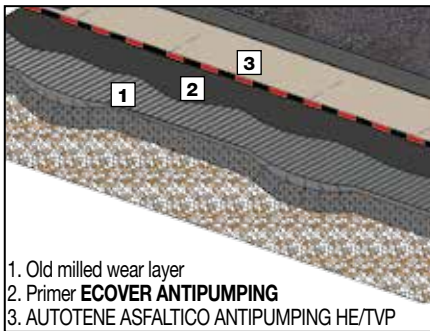
WATER-BASED ELASTOMER-BITUMEN PRIMER
FOR LAYING AUTOTENE ASFALTICO ANTIPUMPING HE/TVP
ON ASPHALT ROAD SURFACES, ALSO SUITABLE FOR SLIGHTLY
DAMP SURFACES



CHARACTERISTICS		ENVIRONMENTAL	METHOD OF USE				PRECAUTIONS

PROBLEM

STOPPING DUSTY CONDITIONS AND INCREASING THE ADHESION OF SCARIFIED ASPHALT SURFACES AND OLD ASPHALT CONCRETE



1. Old milled wear layer
2. Primer **ECOVER ANTIPUMPING**
3. AUTOTENE ASFALTICO ANTIPUMPING HE/TVP

For secure adhesion and quick laying of self-adhesive bitumen membranes both on scarified asphalt and old asphalt concrete and on concrete surfaces, a penetrating and quick drying primer must be used, which stops dust and saturates the surface porosity.

In particular, to lay self-adhesive membranes, you need a product which not only stops dust but also increases its adhesion to the surface.

SOLUTION

ECOVER ANTIPUMPING is a consolidating fixing agent based on bitumen emulsion, elastomeric resins and additives to reduce the drying times and improve adhesion also on slightly damp surfaces (maximum 3%).

ECOVER ANTIPUMPING is highly penetrating and strongly adheres to the surface.

APPLICATION FIELDS

ECOVER ANTIPUMPING is used for applications of the self-heat-adhesive membrane AUTOTENE ASFALTICO ANTIPUMPING on old asphalt and on scarified asphalt but it can also be used on concrete surfaces before laying AUTOTENE ASFALTICO EP POLIESTERE and STRIP EP POLIESTERE and distilled polymer bitumen membranes applied with a torch; however, for membranes laid on concrete that will then be asphalted, it is essential to wait at least 24 hours before laying the membrane.

The elastomeric resins also ensure excellent adhesion of self-heat-adhesive and self-adhesive membranes such as AUTOTENE and SELFTENE. Compared to normal bitumen primers, the dried film is indeed more elastic and adheres better to the cement-based support.

Since it has a water base, it is also suitable for interior use or in residential areas, where the use of solvent-based primers may be more problematic.

ADVANTAGES

- Excellent adhesion to the surface.
- Better grip of membranes than with normal primers.
- Specific product for laying self-heat-adhesive and self-adhesive membranes.
- Solvent-free and non-flammable product.
- Odourless.
- Quick-drying film.
- More elastic film and better vapour barrier than with traditional primers.

METHOD OF USE

• SURFACE PREPARATION (1)

- ASPHALT SURFACE

The asphalt must be clean and sufficiently dry. Milled asphalt must be brushed mechanically to remove the milling dust; the same applies for old asphalt that is too dusty.

- CONCRETE SURFACE

For best results, the concrete surfaces to be treated must be as dry as possible and perfectly clean, without any loose parts and free from oil, grease and surface dust.

• APPLICATION

ECOVER ANTIPUMPING is ready to use, must be mixed before use, and needs to be applied with a scrubbing brush, roller, paintbrush or spray gun (2).

The quantity of primer to apply depends on the porosity of the surface and the finishing degree



1. Clean the milled surface by brushing

of the dried film that you wish to obtain. Self-adhesive membranes are applied to asphalt after a period of time that can vary from a minimum of three hours (in situations where there is excellent exposure to the sun) to eight hours in more critical conditions. The same applies for membranes laid on concrete that are not then asphalted whereas on concrete surfaces coated with membranes that then have asphalt applied straight onto them, it is necessary to wait 24 hours in good weather conditions.

(See following)

TECHNICAL CHARACTERISTICS

	Standard	ECOVER ANTIPUMPING
Appearance		Liquid
Colour		Brown
Specific weight	UNI EN ISO 2811-1	0.98 ± 0.10 kg/L
Solid residue - at 130°C		35 ± 3%
Viscosity DIN/ 4 cup	UNI EN ISO 2431	20÷30 seconds
Storage in original packaging in a dry place		12 months
Workability characteristics		
Waiting time - for dust-free drying (*)		30 ÷ 60 minutes

Test conditions: temperature 23±2°C, 50±5% R.H. and air velocity in test area <0.2 m/s. The values may vary according to the specific job site conditions: temperature, ventilation, absorption of substrate and applied product.

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

(See previous)

• COVERAGE

Consumption varies according to the nature of the surface:

- On milled asphalt: about 200-250 g/m².
- On old asphalt concrete: about 200-250 g/m².
- On metal surfaces: about 200-250 g/m².
- On concrete surfaces: about 250-400 g/m².



2. Laying ECOVER ANTIPUMPING

• PRECAUTIONS

- Do not apply in the winter or when the surface is at a temperature of less than + 5°C
- Keep away from frost. Store at temperatures of above +5°C.
- Do not apply the product if rain is expected
- Clean the tools with water if the product has not yet dried. Use common diluents (synthetic, white spirit, toluene) if it has dried. Wet the tools frequently during use to prevent the product drying.

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.

PACKAGING

- 200-Liters-Drum.
- 20-Liters-Pail.

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

• 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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