

## DENVERPREN ECO

Elastomeric asphalt emulsion

**DENVERPREN ECO** is a flexible waterproofing agent, a monocomponent for cold application and molding in place, formulated with emulsified asphalt and modified with elastomers.

### USE

Waterproofing of roofs in general, slabs, porches, terraces, gutters, cold areas such as bathrooms, kitchens, plasterboard walls (drywalls), baseboard trims, drains, pipes, girder beams, etc.

### ADVANTAGES

- Easy to apply with: lambswool roller, brush or broom with soft bristles;
- If applied cold, it forms a monolithic membrane of exceptional waterproofing, elasticity, adhesion and durability;
- Coatings may be applied directly on its surface if due care is taken to avoid damaging the waterproofing membrane.

### TYPICAL PROPERTIES

The following properties were obtained by means of laboratory tests. Test values of new batches may vary slightly.

TEST	SPECIFICATION	STANDARD
Specific mass	1,05 a 1,15 g/cm <sup>3</sup>	NBR 5829
Brookfield Viscosity	4000 a 5000 cP	ME-CQ 010
Drying between coats at (23°C ± 2°C)	4 to 6 hours	
Time to release the area	5 days	

### METHOD OF APPLICATION

#### Surface preparation

The surface to be waterproofed must be clean, free of oil, grease and loose particles of any kind.

Perform the settlement with cement mortar and sand, 1:3 ratio by volume, straightened finished and a trim of at least of 1% towards the drains. Round corners and edges.

The emerging pipes and drains should be rigidly fixed to ensure perfect execution of trims. Baseboard waterproofing should be performed at a minimum height of 30 cm from the finished floor.

### CONSUMPTION

3.0 to 3.5 kg/m<sup>2</sup> with  
1 polyester screen

### PACKAGING

Barrel 50 kg  
Drum 200 kg

### VALIDITY

Lifespan 24 months.

Store in a covered, dry, ventilated place. Keep the packages sealed at temperatures up to 25°C.

### CLEANING

Equipment and tools can be cleaned with thinner or **Denversolvente 300**.

### NOTES

Settlement mortar should be free from lime and / or repellents.

For cold floors and small areas waive the separating layer.

Empresa certificada:



Empresa associada:



## Application

Apply the first coat of **Denverpren ECO** diluted with 10% to 30% water depending on the absorbency of the substrate and let it dry. Apply another three or more coats of **Denverpren ECO** until reaching the recommended consumption for the type of application. Observe the drying time of each coat.

Incorporate an industrial polyester fabric (1 x 1 mm mesh) after the first coat; let it overlap 5 cm at the seams.

It is recommended to use a separating layer featuring a polyethylene film or tarred kraft paper on the dry waterproofing layer before applying the mechanical protection.

Apply the first mechanical protection with cement mortar and sand, 1:4 to 1:5 ratio, by volume, with a minimum thickness of 2 cm on the separating layer. Scale the last mechanical protection according to the required specifications.

In the case of exposed roofs that don't require any mechanical protection, apply 2-3 coats of reflective flexible **Denversol TOP** paint, which provides excellent protection and solar reflection features. In those cases, the area should include trims of at least 2% toward the water gutters.

## HANDLING AND SAFETY

- Do not swallow **Denverpren ECO**. Avoid skin or eye contact. In case of accidental ingestion, do not induce vomiting. Get medical help immediately.
- In case of skin contact, remove the product with a cloth soaked with vegetable oil, wash skin with plenty of running water and apply moisturizer. In case of eye contact, rinse them with plenty of clean water and get medical help.
- Comply with all the safety standards issued by the respective agencies and use appropriate PPE, including safety glasses and waterproof gloves. It is recommended to use specific skin cream as additional protection.
- **For any further information on product handling and safety, please order our free material safety data sheet (MSDS).**

## WATERPROOFING TEST

After waterproofing, observe the release time and perform a leak test by flooding the area with shallow water for 72 hours to detect possible failures.

## PERFORMANCE OF DENVER WATERPROOFING AGENTS

We guarantee the quality of our products against manufacturing defects, but will not be liable for its performance on the works, since we have no direct control over the application conditions. Reimbursement is limited to the value of the product.

Products are subject to changes without notice.

Products must be applied by skilled professionals and according to the instructions contained in the application manuals provided by the company.

### DENVER IMPREGNATING AGENTS

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**Denver Impermeabilizantes** manufactures a full line of chemicals for construction. For any further information, training, literature and technical support, please do not hesitate to contact us.

Empresa certificada:



Empresa associada:



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Rev. 03  
Feb'12  
02/02