

EMUFAL SOLID

EMUFAL SOLID is a water-soluble asphalt emulsion for cold application with a viscous consistency. It is used as a coating for walls, foundations, etc. or as a bituminous emulsion for the protection of surfaces, concretes, etc.

ADVANTAGES

- Non-toxic, water-soluble and long lasting emulsion.
- A 1,5 mm layer is not re-emulsified by the water and no blisters are produced when immersed in water.
- It does not flow or drain at any temperature (no matter how high the temperature is). There are no signs of runoff when placed in an oven at 100°C for 24 hours.
- It also does not dry or crack in the cold. A thin layer of 1,5 mm of EMUFAL SOLID does not crack or comes apart from the support when it is dried at room temperature for 8 days and it is still flexible at -10 °C.
- Easy to apply.
- Does not contain any solvents. It is ideal for indoor applications.
- Adhesion even on slightly damp surfaces.



APPLICATIONS

- Emulsion for asphalt waterproofing support preparation.
- Waterproof protection for non-potable water tanks, walls, tanks and pipes against external agents.
- Protection of foundations, walls and concrete structures.
- Installation adhesive for insulation

REGULATIONS

- In conformity with UNE 104.231 (Emulsions Type ED). Non-ionic.
- In conformity with EN 13813 (CE marking)
- Quality Management System according to ISO:9001

BITUMINOUS WATERPROOFING

SOPREMA reserves the right to modify the information contained herein without prior notice and declines all liability in cases of errors produced due to inappropriate use of the product. The values shown in the technical sheet are the mean values from tests in our lab.

INSTALLATION

SUPPORT:

- The surface where the product will be applied must be clean, without any loose or badly adhered materials, oily or non-stuck residues and any dirt in general.
- It can be applied on dry or slightly damp surfaces. In very hot weather or in the presence of some release agents, it is recommended to moisten them previously.
- If there are gaps or voids, it is recommended to regularize the surface previously to ensure a good performance of the product.

APLICACIÓN:

- The product is applied cold. Shake well before use.
- As a primer it is applied with a brush or roller (diluted in water 1:2) in one or two layers.
- As a protection, a first layer is applied as a diluted primer with two (2) or three (3) parts of water and then two or more undiluted layers are applied.
- Let the product dry before it gets in contact with other materials.
- The tools must be washed with water before the **EMUFAL SOLID** dries. In case the product is dry, the tools will be washed with a solvent. If there are cracks or fissures in the wall a waterproof membrane will be placed.
- In the case of retaining walls filled with ground, it is necessary to protect the **EMUFAL SOLID** layer with XPS EFYOS 5 cm thick or with any DRENTEX drainage.
- It does not replace a waterproofing membrane. (Should you have any questions about specific applications, please contact our Technical Department).

PRECAUTIONS

Health, safety and environment:

- The product does not contain any dangerous components.
- It complies with the health, safety and environmental requirements.
- Refer to the Safety data sheet for more information

Traceability:

- The traceability of the product is ensured by a production code on the package of the product.



PACKAGING AND STORAGE

	EMUFAL SOLID	
Bucket (kg)	5	25
Presentation	100 buckets 5kg/Pallet Total: 500 kg	22 buckets 25kg/Pallet Total: 550 kg
Yield	It depends on the roughness of the support: Regularization 1 kg/m ² Priming 0,3-0,5 kg/m ² (mixed with water)	
Maximal time of storage	1 year in sealed recipients and protected from the weather. Prevent frost.	

TECHNICAL PROPERTIES


Characteristics	Standard	EMUFAL SOLID	Unit
	UNE 104281		
Density (25°C)	3.5	1.05 ± 0.05	g/cm ³
Evaporation residue	3.7	45 - 55	%
Ash content (non-volatile material)	3.8	< 15	%
Heating at 160°C	3.10	No blistering or slippage of the layer is observed.	
Flexibility at 0°C	3.11	It does not crack	
Waterproof	3.13	Neither blistering nor re-emulsification of the asphalt layer is observed	
Inflammability	-	It is not flammable	
Flow resistance at 160°C	-	It does not flow	
Superficial drying time at 25°C, 60%	-	60	Min
Total drying time at 25°C, 60%	-	24	H
Adherence resistance	EN 13892-8	1.16	N/mm ²

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CE MARKING

EMUFAL SOLID is a bituminous based material for screeds and floor screeds, in conformity with the standard EN 13813. The essential data for the CE marking are shown in the following table:

			
EMUFAL SOLID SOPREMA IBERIA SLU C/Ferro 7 (Pol. Ind. Can Pelegrí) 08755 Castellbisbal (Barcelona) DOP nº MISSPSP0151			
Essential characteristics	Performance	Test standard	Harmonised standard
Reaction to fire (class)	E	EN 13501-1	EN 13813:2013
Release of dangerous substances	PND	-	
Waterproof	PND	EN 1062-3	
Indentation resistance	PND	EN 12697-21	
Adherence resistance (N/mm ²)	> B0.5 y < B1.0	EN 13892-8	
Chemical resistance	PND	EN 13529	



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