

EMUFAL MUR

EMUFAL MUR is a rubber-modified bituminous emulsion, cold applied. Once dried, it forms a high quality, waterproof and elastic film. Ideal for coating foundation walls and underground structures that require slight flexibility.

ADVANTAGES

- Adherence even on slightly wet surfaces
- Great resistance to high temperatures
- Forms an elastic film, which maintains its flexibility even at -10° C
- Durable coating with high covering power
- Easy to apply with brush, roller or airless gun.
- Good thixotropy, suitable to be use in vertical surfaces
- Solvent-free.



APPLICATION

- Protection of:
 - Retaining walls
 - Partitions
 - Foundations
 - Non-potable water piping and storage
- Priming of vertical and horizontal surfaces where a bituminous membrane should be used

REGULATIONS

- In accordance with UNE 104231 standard (emulsions type EA)
- In conformity with EN 13813 (CE marking)
- Quality System in accordance with 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

- It can be applied on dry or slightly wet surfaces, but not with dripping water. It is applied cold, with a brush, roller or paint brush.
- A minimum of two layers must be applied, each layer after the previous one dries.

SUPPORT

- The surface where it will be applied must be free of dust, loose or poorly adhered materials, oily or non-stick residue and any soil in general.
- It can be applied on dry or slightly damp surfaces. In hot weather or in the presence of some release agents, it is recommended to slightly dampen the surface first.
- If there are holes or pockets, first level-out the surface to ensure good coverage.

QUANTITY REQUIRED

- Depends on the coarseness of the support. In general, the minimum recommended coverage is 1.5 kg/m². For application as a primer and for preparation of surfaces, it is diluted with water until the desired viscosity is reached.



PRECAUTIONS

Health, safety and environment:

- The membrane does not contain any substance which is likely to be detrimental to your health or to the environment and complies with generally admitted health and safety requirements. For more information please refer to the relevant safety data sheet.

Traceability:

- Product traceability is ensured by a production code on the label.

PACKAGING AND STORAGE

	EMUFAL MUR	
Bucket (kg)	5	24
Kg/Palet	500	528
Bucket /Palet	100	22
Yield	Around 1500 g/m ² depending on roughness and coarseness	
Maximal time of storage	1 year in original closed container in cool, dry place at a temperature between +5° and +35° Prevent from frost..	

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TECHNICAL PROPERTIES

CHARACTERISTICS	Unit	Test Method	EMUFAL MUR
Density (25°C)	g/cm ³	UNE 104-281/3.5	1.00 ± 0.02
Evaporation residue	%	UNE 104-281/3.7	61 ± 2
Brookfield Viscosity (25°C)	cps		550 - 1200
Ash content (non-volatile matter)	%	UNE 104-281/3.8	< 1
Water solubility	-		Total in liquid form Insoluble when dry film has formed
Superficial drying time (25°C, 60%HR)	horas	-	3 – 5
Total drying time	horas	-	<24
Toxicity	-	-	Nil
Flammability	-	-	No inflammable solvent content

TECHNICAL PROPERTIES ON DRY FILM (1 mm thickness)

CHARACTERISTICS	Unit	Test Method	EMUFAL MUR
Elongation to break	%	UNE 104-281/6.6	> 800
Pliability	-	EN 1109-1	The dry film does not break with bending at -10°C
Heating to 100°C	-	UNE 104281/3.10	No formation of blisters or sagging
Water resistance	-	UNE 104281/3.13	No formation of blisters and no re-emulsification of the film

CHEMICAL RESISTANCE


PRODUCT	RESISTANCE
To water	Excellent
To diluted acids	Excellent
To diluted bases	Excellent
To saline solutions	Excellent
To solvents	Bad

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CE MARKING

EMUFAL MUR 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 MUR SOPREMA IBERIA SLU C/Ferro 7 (Pol. Ind. Can Pelegrí) 08755 Castellbisbal (Barcelona) DOP nº MISSPSP0152			
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	EN 13892-8	
Chemical resistance	PND	EN 13529	



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