

BENFERSCHIRM

ELASTIC WATERPROOFING TIXOTROPIC COATING IN WATER DISPERSION. FOR INTERIORS.



TECHNICAL FEATURES:

Benferschirm is a product with a soft, tixotropic consistency, suitable for application even in a vertical direction with a brush or spatula.

Once it is dry, it forms a flexible and elastic waterproof membrane that is resistant to ageing, and offers good adhesion on diverse types of sub-bases. It is dry to the touch in approximately 4 hours, and is completely dry in a thickness of one millimeter after approximately 4 days. It can also be applied to alkaline surfaces.

Benferschirm is a mono-component product, without solvents, and non-toxic.

FIELDS OF APPLICATION:

Benferschirm is a product that is suitable for activating a protective action and waterproofing the sub-bases of showers, bathrooms, kitchens and areas that are subject to frequent washing. It is applied before the laying of wall and floor coverings in ceramic tiles or natural stone.

It can also be applied directly onto cement plaster

and drywall, after an application of **Benferprim** on plaster or scagliola, and on wood panels.

INSTRUCTIONS FOR USE AND CONTRAINDICATIONS:

Preparation of the sub-base:

The surface to be treated with **Benferschirm** must be clean, without any traces of grease, oils or plastics, dust or humidity. Sub-bases in plaster, scagliola, wood and cement with traces of superficial dust must be preventatively treated with two coats of **Benferprim**. The surface must also be sufficiently smooth to allow the final coat of **Benferschirm** to be uniform and not less than 1 millimeter in all areas.

Waterproofing:

For a positive result, it is absolutely necessary that





the surfaces to be treated are joined together with the appropriate joint sealing tape, which is applied between the first and second coat of the treatment.

The joint sealing tape, soaked in **Benferschirm**, guarantees a perfect hold over time in the most critical points, even in the case of small movements of the surfaces involved.

For the installation of the **Joint Sealing Tape**, proceed as follows:

- Preventatively cut to measure the necessary parts, keeping in mind to overlap the vertical parts with the horizontal parts.
- Apply **Benferschirm** on the sub-base in the area in which the cut joint sealing tape will be placed.
- Place the piece of joint sealing tape on the fresh **Benferschirm** by pressing with a smooth spatula for perfect adherence.
- Repeat the operation to join all the surfaces to be treated.

Benferschirm application:

After an eventual preparation of the sub-base with **Benferprim** and the application of the joint sealing tape, it is possible to proceed by spreading **Benferschirm** with a brush or smooth spatula directly on the surface to be treated, in two crisscrossing coats. When the first coat is dry to the touch (approximately 4/6 hours), proceed with the second coat. The thickness of each coat must be equal at

least to 1 mm.

Laying the floor covering:

For the fixing of tiles or natural stone on the surface that has been treated with **Benferschirm**, it is



necessary to wait until the product is completely dry (approximately 12/24 hours at 23° C). All the Benfer flexible cement adhesives with normal and rapid settings are suitable.

WARNINGS:

- Protect the membrane of **Benferschirm** from washing away until it is dry.

- Always use the provided elastic joint sealing tape.

- For the application of ceramic materials, natural stones, etc. after the application of **Benferschirm**, respect the presence of dilation joints.

- Do not apply **Benferschirm** outside, in areas that are permanently in contact with water, or on surfaces that are subject to seeping humidity.

- Do not use the product for repairing tar coatings.

- Clean the tools used with water, as long as the product is fresh, or use mechanical cleaning or solvents if the product is dry.

- The product should not be applied at temperatures below 5° C or above 35° C.

- The product is sensitive to freezing temperatures and must be kept at a temperature above 5° C, even during transport, in its original sealed packaging.

COVERAGE:

Coverage of 0.9 Kg/m².

PACKAGES:

Buckets of Kg 5 and Kg 8.

PRODUCT TECHNICAL DATA

SPECIFIC WEIGHT	1,45 Kg/dm ³
DRY RESIDUE	75%
pH	8
DANGER OF TOXICITY	NO
FLAMMABILITY	NO
WAITING TIME BETWEEN THE FIRST AND SECOND COAT	4/6 HOURS
WAITING TIME BEFORE LAYING CERAMIC TILES	12/24 HOURS
COVERAGE	0,9 Kg/m ²
FINAL HARDENING	4 DAYS
ELONGATION AT BREAKAGE	180%
THERMAL RESISTANCE (AFTER HARDENING)	- 30°C; + 90°C
RESISTANCE TO AGEING	OPTIMUM
CONSERVATION	12 MONTHS IN ORIGINAL PACKAGING, INTACT

data collected at 23°C and 50% of r.h.

PLEASE NOTE: The data and information contained herein are dictated by our best results, and are purely indicative and must be verified by the user of the product who assumes complete responsibility for its use.