



FONDO IGRO SL

Mono-component hygro-hardening
adhesion primer for bitumen
membranes

CE marking:

- EN 13813 - Designation: SR-B2.0



TECHNICAL SPECIFICATIONS



FIELD OF APPLICATION



APPLICATIONS



Description

FONDO IGRO SL is a mono-component water-hardening, solvent-free liquid product with low viscosity, specially formulated as an adhesion primer on bitumen membranes.

FONDO IGRO SL is easy to apply (with a brush or roller) and is able to bind with the membrane without altering its physical-chemical properties.

In combination with a light sprinkle of quartz sand on the wet product, FONDO IGRO SL creates a very strong and adhesive layer that allows for the subsequent application on the bitumen membrane of mono- and bi-component water-based membranes, BETONGUAINA, BETONGUAINA.S, NORTIG and AMIANTOPLAST.

Field of application

FONDO IGRO SL can be used as a consolidating agent and adhesion primer for applying water-based liquid membranes (BETONGUAINA, BETONGUAINA.S, NORTIG and AMIANTOPLAST) on bitumen membranes.

General preparation of the laying support

- Thoroughly clean the surface of the membrane to be treated.
- Any loose parts must be removed to prevent the defects (cracks or detachments) from propagating to the successive coatings.

Preparing the product

- Shake the can briefly.
 - The product is ready-to-use, do not dilute.
 - Open the package of FONDO IGRO SL and pour into a clean service container the amount of product strictly necessary to complete the work (taking into account the consumption).
- The liquid should be topped up in stages to limit contact with the air.
- Close the can immediately after drawing the product.

Application of the product

- Apply with a roller or brush, making sure that the product is distributed uniformly on the surface of the membrane.
- Within 15 minutes after applying FONDO IGRO SL, sprinkle a thin layer of 0.1–0.6 NATURAL QUARTZ sand.
- Wait at least 3 hours (at 25°C and with 60% R.H.) for the product to cross-link under the effect of atmospheric humidity and harden to become usable.
- Apply the coating.

NOTE: at temperatures below +25°C and with humidity below 60 R.H., the cross-linking speed decreases. Always verify that the product has hardened before proceeding with other processes.

- Avoid pouring any remaining amounts of product from the service container back into the original container.

Consumption

FONDO IGRO SL

type of application	minimum consumption	maximum consumption	UoM	dilution
-	0,15	0,16	kg/m ²	-

Cleaning of tools

- Wet product: clean with ACETONE, SOLVENT FOR NORDPUR, polyurethane thinner or nitro thinner.
- Hardened product: remove mechanically, soak for at least 24 hours in ACETONE or nitro thinner, or use paint strippers (FLUID STRIPPER or GEL STRIPPER).

Useful application tips

- FONDO IGRO SL is a hygro-hardening product: close the container immediately after drawing the product and do not pour the product from the service container back into the container original package.
- Do not dilute with alcohol, acetone or other solvents.
- The product is dangerous, adopt suitable precautions and use the PPE specified in the Safety Sheet under point 8.
- Read the Safety Sheet carefully before using the product.

Technical data

► PRODUCT IDENTIFICATION DATA	UoM	value
Density at 23°C, EN ISO 2811-1	kg/L	1,15 ± 0,04
Brookfield apparent dynamic viscosity (23°C / 50% R.H. ASTM#4 spindle, 100 rpm), EN ISO 2555	mPa•s	220 ± 50
Dry residue (at 105°C, 1 hour), ISO 3251	-	(99,6 ± 0,2)%
Appearance	-	Brownish liquid
► APPLICATION DATA AND FINAL PERFORMANCES	UoM	Value
Surface drying time (23°C, 50% R.H.), EN ISO 9117-3	min	180 ± 30
Minimum curing temperature	°C	0
Walk-over time (at +25°C, 60% R.H.)	hours	3,5 ± 0,5

Storage of the product

- 6 months in the closed original packaging, in a dry and covered place away from direct sunlight, at a temperature between +5°C and +35°C.
- Protect the product against humidity.

Packages

VARIANT	PACKAGE	ADR	PACKAGES PER PALLET	COMPONENTS
-	12 lattine da 1 L	NO	32 scatole	
-	4 latte da 5 L	NO	18 scatole	
-	fustino met. da 20 L	NO	33 fustini	

Legenda ADR:
NO = merce NON PERICOLOSA

LEGAL NOTES

Advice on how to use our products corresponds to the current state of our knowledge and does not involve the assumption of any guarantee and / or responsibility for the final result of the work. They do not refore exempt the customer from the responsibility of verifying the suitability of the products for the use and the prefixed purposes through preventive tests. The website www.nordresine.com contains the latest revision of this datasheet.

EDITION

Issue date: 20.12.2007

FONDO IGRO SL

Revision: 19.03.2018