

TILEPUR BASE

Non-film-forming adhesion promoter for the application of resins, paints and organic adhesives on non-absorbent mineral surfaces



TECHNICAL SPECIFICATIONS



FIELD OF APPLICATION



APPLICATIONS



Description

TILEPUR BASE is a one-component product consisting of an alcoholic solution of pre-hydrolyzed adhesion promoters that react both with the substrate and with the product subsequently applied, favoring its attachment to the surface. Due to its chemical-physical characteristics and its very low viscosity, TILEPUR BASE wets the substrate on which it is applied very well and dries quickly, shortening the times for subsequent over-applications. TILEPUR BASE is not film-forming.

Colour

TILEPUR BASE is a transparent and limpid alcoholic liquid with a straw color.

Field of application

TILEPUR BASE is used as a specific non-film-forming adhesion promoter for the application of NORDPUR ESTERNI TRASPARENTE ADS and EXTRAGRIP (see Technical Data Sheets) to non-absorbent mineral substrates (tiles). Due to its characteristics it is also recommended to promote the adhesion of reactive resins (water-based epoxy, solvent-free and solvent-free, water and solvent-based polyurethanes) and non-reactive resins on:

- polished natural stones;
- porcelain stoneware;
- single and double fired tiles;
- glass.

Advantages

- TILEPUR BASE allows the treatment of glossy surfaces without abrade them.
- TILEPUR BASE is easy and quick to apply.
- TILEPUR BASE matures rapidly.

General preparation of the laying support

- Carry out a thorough cleaning of the surface in order to thoroughly remove dust, loose bodies and especially oils and greasy or waxy substances.

Use different cleaning methods according to the state of the surface:

→ hard non-absorbent surface with dusty and / or crumbly parts:

- sand or abrade (with 60 or 80 grit paper) until the complete removal of incoherent bodies subject to detachment;
- perfectly remove dust residues.
- check that the surface is clean and repeat the treatment if necessary.

→ hard non-absorbent surface soiled with oily or greasy substances (including soap and detergent residues):

- clean with STRIPPER diluted with 5 parts by volume of water (see Technical Data Sheet), insisting, if necessary, with an abrasive sponge such as Scotch Brite;
- rinse thoroughly;
- at the end of the debinding, check the cleanliness of the surface and if necessary repeat the treatment.

→ hard non-absorbent surface with residues of particularly tough metallized waxes, such as SEAL WAX:

- use STRIPPER PLUS as a wax remover following the instructions given in the Technical Data Sheet;

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- rinse thoroughly;
- at the end of the debinding, check the cleanliness of the surface and if necessary repeat the treatment.

Preparing the product

- 2 hours at +10°C with 60% R.H.
- Do not dilute or add water or other substances.

Application of the product

- Pour the minimum indispensable quantity of TILEPUR BASE directly on the surface to be treated.
- Close the bottle immediately.
- Distribute the product with a clean cotton cloth until the surface is completely wet.
- Treatment is more effective if product accumulation or stagnation is avoided.
- If it has spread, remove the stagnation as soon as possible with a dry and clean cloth.
- Avoid using absorbent paper and fabrics that lose fibers or fragments.
- After about 20 minutes (at + 23 ° C, 50% RH) TILEPUR BASE it will have dried and you can proceed with the application of the next coating.
- Do not return any remaining product to the original packaging.

Consumption

TYPE OF APPLICATION	MINIMUM CONSUMPTION	MAXIMUM CONSUMPTION	UoM	DILUTION
On non-absorbent vitreous surfaces	0,025	0,050	L/m ²	-

Cleaning of tools

- Wet and dry product: clean with ACETONE, thinner for nitro or alcohol.

Useful application tips

- Avoid exceeding the applied quantity.
- Once the solvent has evaporated, the formation of a thick film on the treated surface reduces the effectiveness of the product.
- Do not apply on surfaces subject to condensation or near the dew point.
- To check the dew point conditions refer to Appendix C.
- Product residues are removed with alcohol in the wet phase or with a paint remover once the product has dried.
 - The product is flammable.
 - When applied in poorly aerated areas, it is advisable to adequately ventilate the environment and protect the airways using a dust mask equipped with A organic vapour filters (brown strip) or combined ABEK filters (brown-yellow-greengreen strip), as per the EN 141 standard.
 - Do not apply in places where adequate air exchange has not been provided.
 - Protect the surfaces treated with TILEPUR BASE from rain.
 - Read the Safety Data Sheet carefully before using the product.

Technical data

► PRODUCT IDENTIFICATION DATA	UoM	value
Density at 23°C, EN ISO 2811-1	kg/L	0,87 ± 0,02
Kinematic viscosity (ISO cup 3, 23°C), EN ISO 2431	s	24 ± 1
Appearance	-	Transparent straw-yellow liquid
Odour	-	Alcohol
Active substance content	-	4,0 ± 0,3
► APPLICATION DATA AND FINAL PERFORMANCES	UoM	Value

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Surface drying time (+23°C, 50% R.H.), EN ISO 9117-3	min	10 ± 2
Application temperature	°C	from +5 to +35

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	PACKAGING	ADR	UNITS PER PALLET	COMPONENTS
-	1 L x 12 - bottle	P*	30 – box	

legend

P* = DANGEROUS goods packed in limited quantities (packed as per Chap. 3.4 ADR)

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

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