

NORDPUR ESTERNI ADS

Textured polyurethane coating

Description

NORDPUR ESTERNI ADS is a three component product:

- component A: a mix of functionalized prepolymers, pigments and additives;
- component B: prepolyisocyanate;
- component C: fillers mix.

Once mixed, the three components produce a flexible and highly adhering material that, applied to various surfaces, will provide a textured coating with very good abrasion resistance.

The product is available in three standard colours, white, red and grey (plus others on request) that do not significantly alter in time.

Range of use

NORDPUR ESTERNI ADS is used as a protective layer for outdoor surfaces, especially concrete. It can also be used on metal surfaces and ceramic tiles.

Application

Preparing the underlying surface and applying the product:

- Concrete surfaces:
 - Make sure the underlying surface is perfectly dry and clean: new footings must have been left to set for at least one month;
 - apply NORPHEN FONDO IGRO as a primer;
 - apply NORDPUR ESTERNI ADS.
- Metal surfaces:
 - Sand blast (if rusty steel) SA 2.5;
 - apply NORPHEN FONDO MA as a primer;
 - apply NORDPUR ESTERNI ADS.
- Ceramic surfaces:
 - Carry out an acid wash with NORDECAL FORTE;
 - apply NORPHEN FONDO IGRO as a primer;
 - apply NORDPUR ESTERNI ADS.

Preparing the product

- Add component B to component A and mix with a mechanical mixer;
- Add component C while mixing and try to obtain an even preparation,

How to apply the product

Apply one layer only using a long pile roller.

In order to ensure an even coating, we recommend applying first a layer of NORDPUR ESTERNI and, after 6÷12 hours, a second layer of NORDPUR ESTERNI ADS.

Average amount required: 0.3 kg/m².

Yield

In order to obtain a 0.60 mm thick film you must apply 1kg/m² product.

Warnings and special instructions

- **Please note: we recommend applying very thin wet films (less than 300µ thick) at a time.**
- Protect from rain during the first 12 hours following application.
- Do not use in closed, non ventilated rooms.
- Keep the component B container tightly closed during all preliminary operations, as the product is sensitive to atmosphere humidity.
- Read the safety card.

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 PAVIMENTI IN RESINA
 SOLS EN RÉSINE
 POSADZKI ŻYWICZNE - DEKORACYJNE I PRZEMYSŁOWE



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Technical features

Mass per volume, UNI 8310	g/cm ³	1.07 ± 0.05
Surface drying time, UNI 8904	Hours	8 ± 2
Minimum film forming temperature	°C	> +5
Application temperature	°C	+5 to +30
Impermeability to water, UNI 8202/21	KPa	≥ 500
Permeability to water vapour, DIN 52615	μ	< 4 · 10 ⁴
Resistance to UV and condensation, (168 hours exposure) ASTM D 4329	ΔE Δgloss	~ 2 - 20
Adhesion to concrete (pull-off test), ASTM D 4541	Mpa	> 3.5
Abrasion resistance, UNI 8298/9	mg	< 90
Hardness (Buchholz)	---	> 35
A : B : C ratio	2 : 1 : 0.15	

Note: test data refer to quoted regulations

Chemical resistance

For chemical resistance data, please refer to NORDPUR ESTERNI technical card.

Packing and storage

NORDPUR ESTERNI ADS is available in 9.7 kg packs. Store in a dry place at temperatures between +4°C and +30°C; stable for over 1 year.

Legal notice

Tips on how to use our products match the current state of our knowledge and do not imply any assumption of responsibility or/and liability for the final result of works. Therefore, customers are not exempt from the responsibility to verify the suitability of products for use and final aims through preliminary tests. The website www.nordresine.com contains the latest revision of this datasheet.

Edition

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