

MATIZOL TRANS DECK

TRANSPARENT COATING FOR RENOVATION OF TERRACES AND BALCONIES

1. PRODUCT DESCRIPTION

Transparent, self-flowing waterproof membrane designed for the renovation of balconies and terrace slabs with compromised waterproofing. MATIZOL TRANS DECK highlights natural appearance of substrate and provides unmatched durability. It's resistant to heavy pedestrian traffic and puncture-resistant (class P3), ensuring complete safety for outdoor spaces. Additionally, the product remains non-yellowing under UV exposure, maintaining its aesthetic appeal for a long time, regardless of weather conditions. Application of the membrane is quick and easy – it can be applied in a single layer without the need for a primer, using basic tools such as a roller, brush, and spiked roller.



2. BENEFITS

- ONLY 1 LAYER, NO PRIMER
- PRESERVES THE SUBSTRATE APPEARANCE
- RESISTANT TO TRAFFIC AND LOAD (P3 CLASS)

3. APPLICATION AREA

This product is designed for waterproofing balconies, terraces and concrete surfaces exposed to water infiltration issues. It is particularly recommended for the renovation of ceramic and porcelain tiles with compromised waterproofing layers. It can be used in areas with medium foot traffic and is resistant to constant point loads, such as chairs, tables and flower pots.

4. SUBSTRATES

- concrete
- ceramics
- brick
- porcelain tiles
- natural stone
- marble

5. SUBSTRATE PREPARATION

Thoroughly clean the surface of dust, loose parts, oil or unbonded substances. Take care about the external edges by gluing the self-adhesive tape vertically not letting the product flow down. Make sure the surface is stable and dry to avoid white spots, bubbles and problems with the coating being detached. When renovating ceramic or porcelain stoneware tiles, clean the grout thoroughly and refill if necessary. In case of tiles deadhesion, they should be glued again using the mineral glue. Careful cleaning of the surface is essential for this product. Due to the transparency of the coating, all dirt and imperfections will be visible after application.

6. APPLICATION

Apply the product in one layer using a notched trowel (consumption up to 0.9 kg/m²) or in two layers using a roller (consumption up to 0.45 kg/m² per layer). Apply directly to a dry surface. In case of a decline more than 2%, the two layer application is recommended. Consumption per layer up to 0.40 kg/m². Immediately de-air the coating using the multiple passages of the spike roller to remove any trapped air bubbles. The surface can be used 72 hours after the application of MATIZOL TRANS DECK at an average temperature of 20°C. If the temperature is below 20°C, the time required before use may increase according to the following table:

Average air temperature	Time from application to use
20°C	3 days
15°C	4 days
10°C	5 days
5°C	7 days

In corners between the horizontal surface and the plinth, we recommend using **TYTAN PROFESSIONAL AQUA PROTECT** – a transparent adhesive-sealant, in order to protect a place particularly exposed to the movement of the substrate.

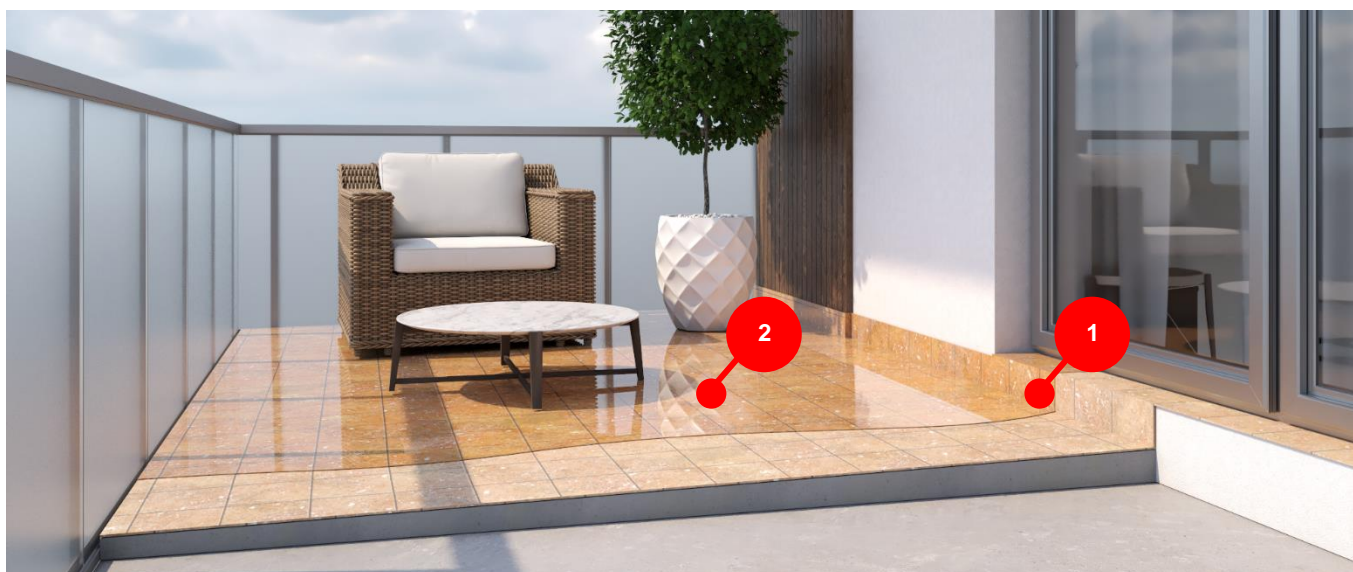
WARNINGS

No additives required.

Do not use if the packaging is damaged.

Do not add water and/or solvents.

Illustration 1. MATIZOL TRANS DECK coating application



1. TYTAN PROFESSIONAL AQUA PROTECT ADHESIVE-SEALANT
2. MATIZOL TRANS DECK: 0.9 kg/m²

7. LOGISTIC DATA

Volume	Pails per pallet
5 kg	120
10 kg	48

8. TECHNICAL PARAMETERS

PROPERTIES	NORM	VALUE
Consumption	-	0,9 kg/m ²
Application Temperature	-	+5°C - +35°C
Appearance	-	Transparent liquid
Colour	-	Colourless
Density at 20°C	EN ISO 2811-1	1.08 ± 0.05
Solid content	EN ISO 3251	92 ± 3
Brookfield viscosity at 20°C (Cps)	UNI EN 8490	1700 ± 200

PERFORMANCE PROPERTIES (UNI EN 1504-2)

PROPERTY	NORM	VALUE
Water vapor permeability	EN 7783	5m ≤ Sd ≤ 50 m
Capillary absorption	EN 1062-3	W < 0.1 kg/m ² ·h ^{0,5}
Coating adhesion (horizontal without traffic load)	EN 1542	≥1.5 N/mm ²

Thermal shock resistance (horizontal without traffic load)	EN 13687-5	$\geq 1.5 \text{ N/mm}^2$
Abrasion resistance	EN 5470-1	$\geq 1.0 \text{ N/mm}^2$
Impact resistance	EN 6272-1	Weight loss = 0.06%
Fire reaction	EN 13501-1	Class II: $\geq 10 \text{ N}\cdot\text{m}$

PRODUCT PERFORMANCE CHARACTERISTICS

PROPERTY	NORM	VALUE
Weather resistance	-	Excellent
Operating temperature	-	From -30°C to $+80^{\circ}\text{C}$
Mechanical load	EAD 0303650-00-0402	P3
UV Resistance	-	Excellent (the product does not yellow)
Elongation at Break	ASTM D 2370	$>160\%$
Tensile Strength	ASTM D 2370	$6,65 \text{ N/mm}^2$
Water Absorption after 7 Days	ASTM D 471	0,9 %
Flexibility at Low Temp. (-26°C)	ASTM D 522	No breakage
Puncture Resistance	EN 12730-A	25 kg/800 mm (500 g weight)
Waterproofing	EN 12691-A	2 bar
Surface Slip Resistance	UNI EN 13036-4 Pendulum Test	Dry Surface: 50 (Required ≥ 40)
Hardness (Shore A)	DIN 53505-A-87	82

EMISSION OF VOLATILE ORGANIC COMPOUNDS

Parameter	Maximum permissible concentration (μm^3)
TVOC after 3 days	≤ 750
TVOC after 28 days	≤ 60

Test performed by EUROFINs according to EN 16516, ISO 16000-3-6-9-11 and ASTM D5116-10, Test Report No. 392-2018-00451601_G_EN_02

10. STORAGE & TRANSPORTATION

Store for up to 18 months in the original sealed containers. Containers should be stored in an upright position, away from sources of fire and heating elements, in conditions where they are protected from direct sunlight and weather influences. Cannot be stored in sub-zero temperatures. Permissible transport and storage temperature from $+5$ to 35°C . It is not frost hardy.

11. HEALTH AND SAFETY WARNINGS AND RECOMMENDATIONS

Detailed information can be found in the manufacturer's Safety Data Sheet. The above data, recommendations and guidance are based on our best knowledge, research and experience and have been given in good faith in accordance with the policies of our company and our suppliers. The proposed procedures are considered common, but each user of this material should make sure in all possible ways, including checking the final product under appropriate conditions, that the materials supplied are suitable

for achieving the intended purposes. Neither the Company nor its authorised agents can be held liable for any losses incurred as a result of the incorrect or misuse of its materials. Do not dispose of the product and/or empty containers in the environment. Refer to the latest SDS for more information on disposal.

ECOLOGY

Do not dispose of the product and/or empty containers in the environment. Refer to the latest safety data sheet for more information on disposal procedures

12.PRODUCER

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