

T-POL 3650 V

POLYURETHANE BASED, TWO COMPONENT, TRANSPARENT TOP COAT

Product description

T-POL 3650 V is a polyurethane based, two component, transparent top coat cured with isocyanate.

Scope of application

- On wooden surfaces,
- Glass, glass brick, mosaic, mosaic tile,
- Tiles, ceramics, marble, granite, natural stone, porcelain surfaces
- In press bricks,
- Balcony, terrace, bathroom, kitchen, stone-covered exterior.
- Ceramic, glass mosaic covered ornamental pools.
- It helps to prevent dusting on absorbent surfaces.

Advantages

- It is not affected by U.V and outdoor weather conditions.
- Produced in transparent the product has high chemical and physical besides excellent water resistance.
- It does not make yellowing, fading or peeling off in time.
- It is especially applied as a solution to insulation problems arising on the floors such as balconies, terraces, bathrooms easily and without damaging the existing coating

Physical appearance

Mixture (Part A + Part B): -transparent

Thinning

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Packaging

Component A: 14 kg. net – Component B: 6 kg. net
Component A: 7 kg. net – Component B: 3 kg. net
Component A: 2,8 kg. net – Component B: 1,2 kg. net

Storage

It should be stored in its unopened original package, in a dry environment protected from frost, between +10°C and +30°C. The products should not be overloaded in a way that would damage their packaging.

Shelf life

Under appropriate storage conditions, the shelf life is 12 months for component A and 9 months for component B from the date of manufacture. Products in opened packages should be stored under appropriate storage conditions and consumed within 1 week at the latest.

Chemical structure

Component A: Polyurethane Resin Component B: Polyurethane Hardener (Aliphatic Isocyanate)

Technical Specifications

All technical values are calculated at +23°C and 50% relative humidity. Changes in temperature and humidity change the technical values.

Technical Specifications

MIX Density A comp. (25°C, g/mL) : 0,10 ± 0,10
Viscosity B comp. (25°C, mPa.s) : 0 - 600
Water transmission rate (kg/ m² . h0,5) : < 0,1 CLASS W3
Adhesion strength by pull-off test (N/mm²) : Rigid system without trafficking ≥ 1.0 N/mm²
Permeability to water vapour (m) : 5 ≤ SD ≤ 50 CLASS II
Touch-free Drying : 1 - 2 hours
Through-dry time : 7 days
Pot life (23°C) : 50 – 60 minutes
Class of fire reaction : Bfl S1
Color : Transparent

Consumption

T-POL 3650 V A + B mixture consumption approx. : 150 - 200 g/m² (two layers),

Recommended number of layers: 2-3

* As the viscosity increases, the covering increases.

Surface Preparation

The surface must be clean, dry and free of all contaminants such as dirt, oil, grease, coatings and surface treatments, etc. the old surface should be thoroughly sanded and the surface should be cleaned of dust.

To mix up

Before starting the mixing process, make sure that the product temperatures are between +10°C and +35°C. Before Mix, mix parts A and B separately with a mechanical drill and paddle at very low speed. Add component B gradually. Add to component A and mix until you get a homogeneous consistency (Approximately 1-2 minutes). Pour the contents into a clean container and mix for a few more minutes. Please avoid mixing at high speed and Do not add any solvent etc. to the mixture during the application process. do not add.

Application procedure

Avoid application in extreme heat or wind, rain and/or below ambient and/or surface temperature.

+10°C or above +35°C. In extremely cold conditions, heaters should be used to increase the environment and temperature.

Between two coats : 8- 24 hours

For concrete, raw wood, etc. surfaces: 2 layers

For marble, granite, tile, ceramic, metal/steel surface; 1 layer

Workability of the product.

The first application should be thin, the next 2 and 3 applications should be thick.

Drying time of the application coats should be waited.

Cleaning of Tools

Clean all tools and application equipment with thinner immediately after use. Hardened/cured material is only mechanically removed.

Security precautions

During use, work clothes, protective gloves and masks in accordance with the Occupational and Occupational Health rules should be used. Uncured material can have an irritating effect. For this reason, eye, mouth and skin contact should be avoided, the contact area should be washed with plenty of water. In more dangerous situations or if the product is swallowed, a specialist should be consulted immediately. Food and beverage items should not be brought into the application areas. It should be kept out of reach of children. For detailed information, the Safety Data Sheet (SDS) should be consulted.

Responsibility

MOMENTUM KIMYA is only responsible for the quality of MOMENTUM branded products. All presented data have been created as a result of practical and scientific studies. The manufacturer cannot be held responsible except for the use of the right products in appropriate areas and conditions.

Legal Notes

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