

FUNDS, CONSOLIDANTS, PRIMERS

PAVIWATER® T68 A+B

Waterborne transparent epoxy product

Waterborne 2 component epoxy product, based on amine and epoxy resins. The product has a high solids content: the viscosity can be lowered by diluting with water. The film has good mechanical properties and good resistance to solvents.



Description

Water base two-component epoxy system, based on epoxy and amine resins. The product has high solids content: the viscosity can be significantly lowered by diluting with water. The film obtained has good mechanical characteristics and good resistance to solvents.

Use

Primer for resinous coatings. Consolidating for crumbly cementitious surfaces. Anti-dust impregnating for cementitious surfaces. Primer for polyurea-based waterproofing systems on bitumen-polymer and asphalt substrates. Realisation of fiber glass reinforced coatings.

Support

The substrate must have a minimum compressive strength of 25 N/mm² and a tensile strength of 1.5 N/mm².

Preparation of the support

If the concrete is new, wait for complete curing. The surface must be solid, absorbent and free from the presence of oils, surfactants, water, dust. Any detachable parts must be removed. The floors must be treated mechanically, by sanding. Any holes can be repaired with PAVIRAPID or SIVITCOL.

Application

At the time of application, combine the two components in a single container and mix carefully for 2 minutes, using suitable equipment (drill with propeller). Slowly add the dilution water while stirring, stir the product for 1 minute and use within the time of use.



PAVIWATER T68 can find its application as:

Impregnating and consolidating primer for cementitious surfaces: apply two coats for a product consumption of approximately 50 g / m² (for each coat):

- 1st shot - one part (A + B) + 3 parts of water
- 2nd shot - one part (A + B) + 1.5 parts of water

Binder for making fiberglass coatings (with MAT 225): one part of product (A + B) + 0.2 parts of water, for a product consumption of 0.70 kg / m²; the cycle must subsequently be completed, to create floors.

Primers for polyurea-based waterproofing systems on bitumen-polymer or asphalt substrates: apply one part of the product (A + B) + 0.5 parts of water, for a indicative consumption of the product between 0.10 and 0.20 kg/m² depending on the characteristics of the substrate. On the still fresh primer, sow QUARZO B1 up to the point with a consumption of 1-2 kg/m² the next day to eliminate any excess unbound quartz

Product for professional use. The purchaser undertakes to strictly follow the above warnings when applying the purchased product and the instructions in the safety data sheet.

PAVIWATER® T68 A+B • Technical sheet • 05/11/2025

Sivit S.r.l.

Via Centallo 57, 10156, Torino, Italia | P.I. - C.F. 01012820013 | C.C.I.A.A. N. 478878 | Reg. Soc. Tribunale Torino N. 305/74
Sistema di gestione conforme alle ISO 9001:2015 – ISO 14001:2015 – ISO 45001:2018
commerciale@sivit.it | sivitsrl@pec.it | +39 011 273 00 33 | www.sivit.it

Warnings

Do not apply on gypsum-based plasters intended for humid environments (e.g. showers).

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Technical specifications

PRODUCT DATA	
Colour	Transparent going to light yellow
Consumption	As an impregnating, 0.050 kg/m ² per coat, depending on the absorption. With quartz dusting, 0.08-0.20 kg/m ²
Specific weight (at 25°C): mixture (A + B)	1,10 +/- 0,05 g/m
Viscosity (at 25 °C): mixture (A + B): - diluted with 1.5 parts of water - diluted with 3 parts of water	10.000 +/- 1.000 mPa*s (spindle 3, rpm 10) 5 sec (DIN8) 3 sec (DIN 8)
Dry residue (A+B)	66-68% by weight and by volume
VOC ready to use (D.lgs 161/06)	< 50 g/l Cat.A / j. Two-component high-performance paint (BA)
Flash point	None
Solvent for cleaning tools	Water
Storage	12 months store in a dry place at a temperature between 5 °C and 35 °C

APPLICATION DATA AND TIMES	
Mixing ratio	by weight: A = 100, B = 67 by volume: A = 100, B = 60
Pot-life (50% U.R.)	at 15°C > 130 min at 25°C 105 min at 30°C > 80 min
Dry to the touch (50% R.H.)	at 10°C 22-26 hours at 25°C 4-6 hours at 30°C 2,5-3,5 hours
Coating (50% R.H.)	at 25°C from 24 to 36 hours
Deep hardening (50% R.H.)	at 25°C 7 days
Environmental conditions of use	Temperatures between +15°C and +35°C and R.H. <70%

PERFORMANCE TECHNICAL DATA	
Appearance	Transparent
Abrasion resistance UNI 8298-9 standard	60 mg (TABER Mola CS-17 - 1000 rpm - 1000 g weight)
CE marking (reg. No. 305/2011)	Complies with EN1504-2. Coating (C) Principles (PR)
Adhesion Pull Off (EN 1542)	>1,5 MPa
Abrasion resistance standard EN 5470-1	Compliant
Impact resistance (EN 6272-1)	>10 Nm (Class 2)

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