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TECHNICAL DATA SHEET

PowerTix Express

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Product description

Zettex PowerTix Express is a very fast-curing effervescent polyurethane adhesive with a thixotropic structure. The adhesive hardens with the reaction with moisture from the surface and after curing forms a durable, water-resistant and very strong joint. Zettex PowerTix Express has a light filling capacity. Zettex PowerTix Express is also solvent-free and once hardened has excellent resistance to high temperatures and ageing.

Material

Polyurethane

Advantages

- Excellent adhesion on different surfaces.
- Ready to use
- Solvent-free and odourless.
- Weather-resistant according to DIN 204 D4
- Resistant to chemicals
- Transparent in colour

Areas of application

- Powerful adhesion of wood and wooden materials such as chipboard, plywood and stair renovation.
- Chemical anchor in building constructions and the adhesion of stone, plasterboard, cement covers and insulation materials.
- Powerful adhesion in metal constructions; aluminium, stainless steel, galvanised steel and copper.
- Adhesion of corner joints in metal doors, windows and façades and greenhouses.
- Adhesion of natural stone, brick and ceramics.
- Adhesion of synthetic material such as PVC and fibre reinforced plastic.
- Adhesion of insulation material such as polyurethane.

Application instructions

Surfaces must be free of dust and grease. Soiled or non-cured residues can be removed with Zettex Profreiniger or the Zettex Cleaning Wipes. Apply adhesive with the Zettex Caulkgun on the surface to be adhered. Clamping the materials to be adhered is recommended until the adhesive has fully hardened. In the case of material with no suction or material with less than 8% moisture; moisten the surface for faster curing.

Available forms

- Tube 310 ml.

Safety recommendations

12 months in unopened packaging. Store at temperatures between 10°C and 25°C The temperature may absolutely not exceed the limit of 25°C and the packaging must be protected from direct sunlight and wet conditions.

Shelf life

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Certificates

- EN 204 D4

Properties	Specifications
Appearance	Thixotropic paste
Colour	Transparent
Raw material	Polyurethane
Curing	Curing by moisture
Viscosity	25-35
Density (g/cm ²)	1.13 +- 0.02
Film formation time (min.), on dry surface, temperature of 23°C	8
Film formation time (min.), on wet surface, water temperature of 23°C	5
Basic use (min.), on dry surface, temperature of 23°C	20
End time (hours.) 2.5 mm adhesive in the form of a caterpillar track, at 23 °C	24
Shear stress strength (N/mm ²)	>10, after 7 days in normal climate (according to EN 204 D1)
Shear stress strength (N/mm ²)	>4, after 7 days in normal climate, 6 hours in boiling water and 2 hours in water at 20 °C (according to EN 204 D4)
Application temperature	+5 °C to +40 °C
Temperature resistance	-60°C to 100°C