POINT 104 Turbo Power Fix

Extremely fast and strong hybrid adhesive and sealant

POINT 104 TURBO POWER FIX is hybrid technology, specifically developed as a fast curing, very high strength power adhesive based on SMP polymer. Typically used for adhere a wide range of building materials including vertical bonding of heavy items such as brick, stone, and ceramic tiles. A very high adhesive strength (20 t/m^2) is achieved after 15 minutes. Adhesion strength after curing 380 t/m^2. The adhesive has excellent adhesion to many building materials and finishing elements, including metal, aluminium, glass, PVC, polyurethane, concrete and others. Suitable for bonding tiles, skirting boards, various panels, siding and plasterboard profiles. Can be used both indoors and outdoors. The adhesive joint can be painted. Does not contain solvents, therefore it is not aggressive to any surfaces.

Advantages

- Adhesion strength after 15 minutes reaches 20 t/m^2.
- The strength of adhesion after curing is 380 t/m^2.
- Extremely strong joint, Shore A hardness 76.
- Skin formation time just 5 minutes.
- Suitable for uneven surfaces.
- Does not contain aggressive solvents, odourless.
- Fast bonding of elements.
- Can be painted.
- Suitable for outdoor and indoor use.
- Moisture resistant.
- Temperature resistance from –40 °C to +90 °C.

Perfect adhesion with:

- Concrete.
- Masonry.
- Plaster.
- Ceramics.
- Glass.
- Hard PVC.
- Metal.
- Aluminium.
- A rock
- OSB
- Wood

Areas of application

The adhesive is intended for bonding many building and finishing elements in cases where it is necessary to very fast achieve of a high adhesion force. It is used for flexible and fast bonding of panels and structures in the construction and metalworking industries.

Technical Specifications

Indicator	Units	Certifications	Value
Colour			White
Bases			SMP
Body			Paste
Primary adhesion strength	t/m^2		20
Tensile strength after curing	kg/cm^2		38
Elongation at break	%		105
Joint movement capacity	%		20
100% modulus	N/mm^2	DIN 53504 S2	3,5
Density	g/cm^3	SO 1183-1	1,56
Skin formation	min.	@ +23 °C/50% RH	5
Correction time	min.		5
Curing speed	mm/24 h	@ +23 °C/50% RH	2-3
Flow	mm	SO 7390	<2
Shore A hardness		DIN 53505 3 sec.	76
Temperature resistance after curing	°C		–40 °C ... +90 °C
Application temperature	°C		+5 °C ... +40 °C
Yield with 5 mm joint	m		15
Volume	ml		290

Certificates

EMISSION CLASS FOR BUILDING MATERIAL M1

Products classified by The Building Information Foundation RTS of Finland as building material of class M1 - after hardening, they are odourless and do not emit TVOC, formaldehyde, ammonia and MDI.

Directions of Use

Surfaces must be dry, clean and free from grease. Cut the end of the cartridge and screw the nozzle supplied with it. Insert the cartridge into the caulking gun and fill the nozzle with glue by pressing the trigger on the gun several times. The adhesive is applied with strips on the surface or the element to be bonded. After applying the adhesive, join the surfaces by strong compression. Usually, a 5 mm diameter joint of adhesive is sufficient.

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Limitations

• Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates.
• Not suitable in combination with chlorides (pools).

Storage conditions

Store upright in a dry place at +5 ° C to +25 ° C. Expiry date - 18 months from date of manufacture, subject to storage regulations. Frost resistance during transportation -15 ° C.

Packaging

290 ml. plastic cartridge, 12 cartridges per box.

Health & Safety

Product Safety Data Sheet must be read and understood before use. These are available on request.

Waste management

Completely empty the packaging and dispose of properly.

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