TIMPURI FIX & SEAL

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TECHNICAL DATASHEET

TDS

Updated: 10.02.2025



FIX & SEAL	
Product package	310 ml cartridge
Colors	White, Black, Grey
Description	Hybrid polymer compound, elastic, neutral and moisture-drying 1-component multipurpose adhesive and sealant.
TECHNICAL DATA	
Base	Hybrid-polymer
Composition	Paste-like substance
Joint movement	Max ±20 %
Density	Approx. 1,6 g/ml
Elongation at break	(ISO 37) 400 %
Tensile strength	(ISO 37) 1,5 N/mm²
Hardness	40 ± 5 Shore A
100% Modulus	(ISO 37) approx. 0,80 N/mm²
Skin formation	Approx. 10 min (+23°C / 50% RH)
Drying time	Approx. 3 mm/vrk (+23°C / 50% RH)
Operating temperature	+5˚C...+35˚C degrees
Temperature resistance	After drying -40˚C...+90˚C degrees
Cleaning	As fresh with mineral spirit. As cured only mechanically or with a silicon remover.
Shelf life	12 month in an unopened packaging
Storage	Protected from frost at +5°C....+25°C degrees.
Yield	Approx. 3,1 m / 10x10 mm joint. Width of joint mm* depth of joint mm= ml/m

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RAKENNUSKEMIA

Kerkkolankatu 17
05800 HYVINKÄÄ
FINLAND

info@rakennuskemia.com
www.rakennuskemia.com
+358 - 19 - 457 4400

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NOTE!

- **Not suitable for aquarium or swimming pool use, PMMA (Nylon), PTFE, PE, PP, Polycarbonate, Teflon or bitumen surfaces or copper surfaces/bronze and brass.**
- **Initial testing on powder-coated aluminum or steel is recommended. When needed you must be prepared to use primer.**
- **It is not recommended to be used on surfaces that have or can come off wax, tar, butyl, neoprene or paraffin. Not for permanent water immersion. Not for glazing.**
- **Bonding plastics such as PMMA (e.g. Plexi® glass), polycarbonate (e.g. Makrolon® or Lexan®) under stress can cause cracking in these substrates.**

FEATURES

☑ Easy to use and finish in all weather conditions
☑ No odour
☑ Stays elastic after curing
☑ Mold protected
☑ Adheres firmly to most materials without primer, e.g. porous materials
☑ UV resistant, but a complete UV light deficiency can cause colour change. The color change does not change the other properties of the product.
☑ Good aging resistance
☑ Very good moisture resistance
☑ Can be painted over with water-based paints (pre-test recommended)
☑ Does not contain solvents, halogens or isocyanate or phthalates, completely neutral
☑ Suitable for natural stone

USE

-All normal construction work where high movement ability and movement joints between different materials are required
- Movement joints
- Sealing of window and door frames
- Jointing and sealing of prefabricated elements

Suitable for all common building materials. The surfaces must be clean, dry, grease-free and dust-free. Porous surfaces should be primed. Non-porous surfaces should at least be cleaned well.

We always recommend a test on surfaces before use.

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Cut the cartridge top open and attach the nozzle to the threads. Cut the beak diagonally to fit the joint. Dispense the product into the joint with a cartridge gun and finish the surface using soapy water and a jointing tool or your finger before skin formation. Marking the limits with masking tape makes working easier.

JOINT DIMENSIONS

Min. width for bonding: 2 mm
Min. width for joints: 5 mm
Max. width for bonding: 10 mm
Max. width for joints: 30 mm
Min. depth for joints: 5 mm
Recommendation sealing jobs: joint width = 2 x joint depth.

CHEMICAL RESISTANCE

Good against: water, seawater, aliphatic solvents, hydrocarbons, ketones, esters, alcohols, dilute acids and bases.
Poor against: aromatic solvents, concentrated acids and chlorinated hydrocarbons.

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