

SEAL-ALL® XT PANEL HIGH STRENGTH



+35 °C

+5 °C

CHARACTERISTICS

Extremely powerful elastic
adhesive sealant



- Ready-to-use, high-performance, extremely strong adhesive sealant (MS POLYMER) for sealing and bonding in critical construction applications such as facade panels.
- Elastic bonding and sealing with high strength of almost all building materials
- Stain-free sealing and bonding of porous materials, does not cause edge-zone contamination
- Suitable for both indoor and outdoor applications
- Shrink-free
- Permanently elastic and durable
- Excellent adhesion without primer on virtually all substrates, even moist ones
- Extremely high tensile strength, mechanical resistance, and final strength
- Rapid strength development
- Sandable after full curing
- Paintable with water-based paint and lacquer systems
- Free of plasticizers, phthalates, and isocyanates
- Solvent- and silicone-free
- Compatible in contact with foodstuffs, PVB films, laminated glass, and silver-coated mirrors
- Excellent absorption of acoustic and mechanical shocks and vibrations
- Weather, UV, water, and ageing resistant

Technical characteristics	Measured values
Skin formation at +23 °C and 50% relative humidity	10 minutes
Curing rate at +23 °C and 50% RH	±3 mm/24h
Temperature resistance	-40 °C to +110 °C
Hardness - DIN 53505	60 shore A
Tensile strength - DIN 53504	4,33 N/mm²
Modulus at 100% elongation - DIN 53504	2,72 MPa
Elongation at break (%) – DIN 53504	280%

Curing	Consumption	Packaging
±3 mm/24h	Joints of 10 x 10 mm: ±3 linear meters per cartridge Joints of 5 x 5 mm: ±12 linear meters per cartridge	12 cartridges of 290 ml per carton
Colour	Processing time	Operating temperature
White	Skin formation after ±10 min.	+5 °C to +35 °C

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APPLICATIONS

- Especially suitable as an ultra-strong assembly and construction adhesive for critical building and construction applications.
- Specifically developed for bonding facade panels such as HPL (High Pressure Laminate) boards, fiber cement boards, and cement boards
- Bonding polyester construction parts to metal and aluminum frames
- Structural bonding in vibrating building constructions
- Repair adhesive sealant for damaged MS POLYMER joints and adhesive connections

DIRECTIONS FOR USE

- Remove loose particles from the substrate using a suitable brush.
- Application temperature (ambient and substrate) between +5 °C and +35 °C.
- It is recommended to apply SEAL-ALL® XT PANEL HIGH STRENGTH with a professional caulking gun.
- Always apply on load-bearing, compatible, clean, grease- and dust-free substrates.
- Degrease substrates thoroughly if necessary with SEAL-ALL® CLEANER.
- Pre-treat highly porous substrates with SEAL-ALL® PRIMER; for non-porous substrates, use SEAL-ALL® CLEANER.
- SEAL-ALL® XT PANEL HIGH STRENGTH is not suitable for continuous water exposure and cannot be used in combination with PE, PP, PC, PMMA, PTFE, soft plastics, neoprene, and bituminous substrates.
- Ensure adequate ambient humidity during curing.
- Do not subject the product to mechanical, thermal, or chemical loads until fully cured.

PACKAGING

1 cartridge contains 290 ml
12 cartridges of 290 ml per box

SHELF LIFE

15 months in the original, unopened packaging under normal climatic conditions.
Keep dry and frost-free.

