

Technical Documentation

SEAL-IT® 360 HIGH-TACK

Product

SEAL-IT® 360 HIGH-TACK is a high-quality, super-strong, versatile construction adhesive, with extremely high initial adhesion on an MS-Polymer® basis. Specifically for directly fixed and heavy bonding.

Applications

- Specifically for directly fixed material bonding, without clamps, stamps, fixing tape.
- Powerful universal assembly and construction adhesive, for almost all types of building materials.
- Structural bonding in vibrating constructions.
- Stain-free bonding of mirrors, natural stone, porous types of stone and untreated wood.
- Bonding skirting boards, insulation and board materials, slats, beams, stones, tiles and more.
- Bonding in bodywork, trailer, ship, container and air duct construction.
- Repair adhesive for damaged MS-Polymer® adhesive bonds.

Properties

- Low odor, blister and shrink-free curing.
- Durable permanently elastic.
- Adheres excellently without primer, on almost all and even damp surfaces.
- Extremely high initial tack strength (400 kg/m²), final strength and mechanical resistance.
- User-friendly and versatile for gluing and attaching almost everything indoors and outdoors.
- Super-fast force build-up, curing and attainment of final strength.
- Can be painted over with dispersion-based paint and varnish systems.
- Isocyanate, solvent and silicone free.
- Does not stain or bleed on porous surfaces, does not cause edge zone pollution.
- Excellent absorption of acoustic and mechanical vibrations.
- Perfectly sandable and grindable after complete curing.
- Very low emission, EMICODE EC-1 PLUS certified.
- Durable UV, weather, water, moisture and aging resistant.



Standard Range

Colour	12 x 290ml Cartridge	12 x 600ml Foil
White	SI-360-9100-290	SI-360-9100-600
Black	SI-360-9200-290	

Other colours and/or packaging on request.

Connect Products B.V.

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Technical Product Data

PROPERTY	STANDARD	SPECIFICATION
Base		MS-POLYMER® 1-COMPONENT
Viscosity	ISO 7390	<2mm
Density	ISO 1183	1,53 g/ml
Skin formation time	+23°C/50% RV	10 minutes
Hardening after 24 hours	+23°C/50% RV	3mm
Permissible deformation		25%
Temperature resistance after complete curing		-40/+100°C
Mechanical values		2 mm film
Shore a hardness	DIN 53505	55
Modulus 100%	DIN 53504	1,40 MPa
Tensile strength	DIN 53504	1,90 MPa
Shear strength	ISO 4587	1,70 MPa
Elongation at break	DIN 53504	380%
Shrinkage		None



Shelf Life

In unopened original packaging, store in a cool and dry place, between +5°C and +25°C.
Maximum 18 months shelf life, after production date.

Application Conditions

- Processing temperature (environment and substrate) between min. +5°C and max. +40°C.
- On load-bearing, compatible, clean, grease- and dust-free surfaces.
- Completely remove loose components from substrates using a suitable brush.
- Completely degrease greasy surfaces using SEAL-IT® 510 CLEANER.
- SEAL-IT® 360 HIGH-TACK has a broad adhesion spectrum, but highly porous substrates can be pre-treated with SEAL-IT® 520 PRIMER. Pre-treat non-porous surfaces with minimal adhesion using SEAL-IT® 525 CLEAN & BOND.
- Apply primer easily, quickly, cleanly, evenly and not excessively using SEAL-IT® 590 PRIMER BOTTLE + BRUSH, under the correct temperature and substrate conditions (see TDS).
- As soon as the primer is dry, apply SEAL-IT® 360 HIGH-TACK as soon as possible.
- It is advisable to spray SEAL-IT® 360 HIGH-TACK using a professional SEAL-IT® caulking gun, in combination with the standard V-seam nozzle because of the low viscosity of the material.
- Apply SEAL-IT® 360 HIGH-TACK vertically (ventilating) in grooves (never in dots), at a distance of min. 10cm and max. 20cm, in the ideal glue thickness of 2/3 mm.
- For a correct and uniform adhesive thickness, apply SEAL-IT® 560 PANELTAPE.
- Can be finished wet for skin formation, using SEAL-IT® 550 FINISH and smoothing immediately afterwards, using SEAL-IT® 590 FINISHING SPATULA, JOINT QUARTET or FINISHING STICKS.

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Paintability

SEAL-IT® 360 HIGH-TACK can be easily painted over with emulsion paint systems after sufficient skin formation. However, synthetic paint systems can slow down in drying. If SEAL-IT® 360 HIGH-TACK is painted over, this is always carried out professionally in combination with a durable high-quality paint system, which can sufficiently absorb movements from the elastic adhesive sealant substrate. This is to reduce cracking in the applied paint layer. Always apply paint systems under the correct ambient and substrate temperatures (see TDS paint manufacturer). Always carry out a paint compatibility test beforehand.

Restrictions and Recommendations

SEAL-IT® 360 HIGH-TACK is unsuitable for constant water loading, aquarium construction, joint sealing and in combination with PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates. Always ensure sufficient humidity from the immediate environment/subsoil during curing. Do not chemically stress before or during curing. Repair with the same product. Always test adhesion and material compatibility beforehand.

Cleaning

Remove fresh, uncured and/or excess material from surfaces and tools using water. Clean hands/skin using SEAL-IT® 515 ULTRA-WIPES or soapy water. Cured material can only be removed mechanically using the correct tools.

Safety and Health

Avoid prolonged skin contact. If uncured material comes into contact with eyes, rinse immediately with water and seek medical advice. Safety data sheet available on request.

Warranty and Liability

Connect Products B.V. guarantees that its product, within the shelf life, is in accordance with the specifications. The liability will never exceed what is determined in our general terms and conditions of sale and delivery. In no case is the seller liable for any consequential damage. The information provided is the result of our tests and experience and is of a general nature. However, it does not imply any liability. It is the responsibility of the user to determine by his own tests whether the product is suitable for the application.

Certifications

EMICODE EC-1 PLUS.



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