



## Product

Seal-it® 360 HIGH-TACK is super tough, stainless, elastic and versatile construction and installation adhesive, with extremely high initial adhesion, for heavy-duty, instant and permanent adhesion, that is based on hybrid technology and moisture-cures into a durable rubber that retains its elasticity.

## Applications

- Particularly suitable for use as a super-strength installation and construction adhesive, for heavy-duty, instant and permanent adhesion or installation, for almost all surfaces and building materials, without using clamps, stamps or mounting tape.
- Powerful installation and construction adhesive, for instant and heavy-duty adhesive bonds.
- Structural adhesion in vibrating structures, such as in the construction of façades, transport equipment and other machinery and equipment.
- Adhere and install mirrors, natural and hard stone, marble, granite, concrete and other critical/porous materials.
- Installation and construction adhesive for sections, panels, skirting board, mouldings, insulation and panelling materials, slats, beams, stones, tiles and more.
- Adhere and install metal parts in the construction of roofs, façades, containers, air ducts, trailers, bodywork and ships.

## Colours and packaging

12 cartridges (290 ml): white, black

12 sausages (600 ml): white

## Properties

- ✓ Extremely high initial adhesive strength of at least 400 kg/m<sup>2</sup>, instant, strong and permanent bond.
- ✓ Durable, retains elasticity, maximum movement capacity of 20%.
- ✓ Versatile both indoors and out, super strong, fast and user-friendly.
- ✓ Excellent adhesion without primer on practically all surfaces, even moist ones.
- ✓ Rapidly strengthens, cures and reaches ultimate strength.
- ✓ High ultimate strength and mechanical resistance, for heavy-duty adhesive connections.
- ✓ Superb paintability with synthetic and emulsion paint systems.
- ✓ Thixotropic, no sagging, ideal for overhead applications.
- ✓ Non-corrosive to metals.
- ✓ Compatible in direct contact with the silver coating on mirrors and PVB-laminated glass.
- ✓ Odourless, adhesive-free, bubble-free and non-shrink curing hybrid system.
- ✓ Good resistance to UV, weather, water, moisture and ageing.
- ✓ Free of isocyanate, solvents and silicone.
- ✓ Very low emission: certified EMICODE EC1 PLUS.

## Technical product data

Property	Value + unit
Viscosity (ISO 7390)	< 2 mm
Viscosity	1,58 g/ml
Skin formation time (23°C and 55% R.H.)	10 minutes
Cures in 24 hours (23°C and 55% R.H.)	3 mm
Contraction	nihil
Permissible deformation	25%
Temperature resistance once fully cured	-40°C to +100°C
Mechanical values	2 mm film
Shore A hardness (DIN 53505)	65°
Modulus at 100% (DIN 53504)	1,65 MPa
Tensile strength (DIN 53504)	2,90 MPa
Shear strength (IS 4587)	2,70 MPa
Stretch at breaking point (DIN 53504)	250 %
Certifications	EMICODE EC1 PLUS
Shelf life	In unopened original packaging, stored in a cool dry place between +5°C and +25°C, the product will last up to 15 months after the production date.

## Properties

- ✓ No staining or bleeding on porous/open/absorbent materials or surfaces, such as natural stone and concrete, and no edge contamination.
- ✓ Absorbs acoustic and mechanical vibrations well.
- ✓ Optimal sandability and grindability once fully cured.

# 360 HIGH-TACK

## Application conditions

- ✓ Application temperature (ambient and surface) between +5°C and +40°C.
- ✓ It is recommended to spray Seal-it® 360 HIGH-TACK with a professional spray gun, using the standard V-seam spout, due to the low viscosity of the material.
- ✓ On stable, compatible, clean, uncontaminated, grease-free and dust-free surfaces.
- ✓ Apply adhesive vertically (ventilated) in beads spaced between a minimum of 10 cm and a maximum of 20 cm apart. Do not apply in dabs! Ideal adhesive thickness: 2 to 3 mm.
- ✓ To achieve correct and even adhesive thickness, it is recommended to use double-sided SEAL-IT® 560 PANELTAPE.
- ✓ Use a suitable brush to remove any loose particles from the surface.
- ✓ Degrease the surface properly using Seal-it® 510 CLEANER.
- ✓ Seal-it® 360 HIGH-TACK has a broad bonding spectrum, but highly porous surfaces should be pre-treated with Seal-it® 520 PRIMER and non-porous surfaces with minimal bonding should be treated with Seal-it® 525 Clean & Bond.

## Paintability

After skin formation, Seal-it® 360 HIGH-TACK is excellently paintable with emulsion paints. However, synthetic paint systems may dry slowly. If it will be painted (not necessary), for best results, we recommend lightly sanding the Seal-it® 360 HIGH-TACK and adjacent parts with a Scotch-Brite® pad, then thorough degreasing with Seal-it® 510 CLEANER and painting immediately after this

## Cleaning

Remove fresh/uncured material from surfaces and tools using Seal-it® 510 CLEANER. Clean hands/skin with Seal-it® 515 ULTRA-WIPES. Cured material must be removed mechanically.

## Limitations and recommendations

Not suitable for continuous water loads or joint sealing. Not suitable for PE, PP, PC, PMMA, PTFE, soft plastic, neoprene or bituminous surfaces. Never apply the adhesive in dabs. Ideal adhesive thickness is 2 to 3mm. We recommend testing the adhesion and material compatibility and, if applicable, the paint compatibility in advance.

## Health and safety

Avoid long-term contact with skin. If uncured material gets in your eyes, rinse out thoroughly with plenty of water and consult a physician. The product safety data sheet is available on request.

## General information

The information contained in this document is provided in good faith and is believed to be correct. However, we have no influence on the conditions in which these products are used or the methods by which they are used. Therefore, this information is not a substitute for tests which the customer must perform himself/herself in order to ensure that the products are safe, effective and achieve the intended purposes. Suggestions regarding the use of the product must not be used as grounds for infringement of any patent whatsoever. The only guarantee Castelein Sealants offers is that this product complies with the Castelein Sealants terms and conditions of sale in force at the time of shipment. Your only remedy in the event of a breach of this guarantee is the refund of the purchase price or the replacement of the product that does not comply with the guarantee.

Technical data of supplier: 2017 09 05

The producer reserves the right to make changes. 2023 12 14