



Product

Seal-it® 350 SUPER-ALL is a universal, multi-purpose, high-quality professional sealant and installation and construction adhesive that is based on hybrid technology and moisture-cures into a durable rubber that retains its elasticity.

Applications

- ✓ Universal sealant and construction and installation adhesive for practically any surface and building material.
- ✓ Construction and glazing compound for windows, window and door frames, sections, greenhouses, façades and more.
- ✓ Fungicidal joint sealant in sanitary spaces and other spaces with plumbing fixtures, as well as cold storage units.
- ✓ For sealing, adhesion and installation in places where foodstuffs are stored and/or processed.
- ✓ Construction and installation adhesive for skirting boards, slats, strips, mouldings, boards, panels, tiles, stones, EPDM film, post-and-lintel slabs and more.
- ✓ Mirror adhesive for stainless and powerful mirror adhesion/installation.
- ✓ Natural stone sealant/adhesive for marble, granite, hard stone, concrete and other open materials.
- ✓ Construction compound for bridge and slab joints, between concrete parts, such as in floors and galleries.
- ✓ Sealing of stainless steel shower drains, floor drains and rainwater drainage systems.
- ✓ Metal sealant/adhesive for construction of roofs, façades, bodywork, trailers, ships, containers and air ducts.
- ✓ Structural adhesion in vibrating structures, such as in the construction of façades, transport equipment and other machinery and equipment.
- ✓ Repair adhesive for MSP/hybrid and loose building components.

Colours and packaging

12 cartridges (290 ml): white, grey, brown, black
 12 sausages (600 ml): grey, sanitary grey, white, black
 Other colours and/or packaging on request

Properties

- ✓ Durable, retains elasticity, maximum movement capacity of 25%.
- ✓ Excellent working and adhesion properties on many surfaces, even moist ones, without primer.
- ✓ Versatile both indoors and out: glue, seal and install practically anything with a single product.
- ✓ Fast-curing and fast-strengthening, high mechanical resistance and ultimate strength.
- ✓ No staining or bleeding on porous materials, such as natural stone, concrete and untreated wood; no edge contamination.
- ✓ Free of isocyanate, solvents and silicone.
- ✓ Very low emission: certified EMICODE EC1 PLUS.
- ✓ Suitable for foodstuffs, certified with ISEGA FOOD APPROVAL

Technical product data

Property	Value + unit
Viscosity (ISO 7390)	< 2 mm
Viscosity	1,48 g/ml
Skin formation time (23°C and 55% R.H.)	10 minutes
Cures in 24 hours (23°C and 55% R.H.)	2-3 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)	60°
Modulus at 100% (DIN 53504)	1,60 MPa
Tensile strength (DIN 53504)	2,70 MPa
Shear strength (ISO 4587)	2,50 MPa
Stretch at breaking point (DIN 53504)	300%
Certifications	ISEGA FOOD APPROVAL 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

- ✓ Paintable with water-based and synthetic paint systems.
- ✓ Good resistance to discolouration, UV, weather, water, moisture, ageing and fungus.
- ✓ Optimal sandability and grindability once fully cured.
- ✓ Neutral, odourless, adhesive-free, bubble-free and non-shrink moisture-curing hybrid system.
- ✓ Non-corrosive to metals.
- ✓ Compatible in direct contact with the silver coating on mirrors and PVB-laminated glass.
- ✓ Superb absorption of mechanical and acoustic vibrations

350 SUPER-ALL

Application conditions

- ✓ Application temperature (ambient and surface) between +5°C and +40°C.
- ✓ On stable, compatible, clean, uncontaminated, grease-free and dust-free surfaces.
- ✓ Ensure proper joint dimensions, for proper absorption of any movements.
- ✓ Use a suitable brush to remove any loose particles from the surface.
- ✓ Degrease the surface properly using Seal-it® 510 CLEANER.
- ✓ Seal-it® 350 SUPER-ALL 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.
- ✓ For adhesive applications, apply material vertically (ventilation) in beads spaces between a minimum of 10 cm and a maximum of 20cm. Do not apply in dabs! It is recommended to use double-sided adhesive SEAL-IT® 560 PANELTAPE to support adhesion during the curing process and to achieve the correct adhesive thickness.
- ✓ Use Seal-it® 550 FINISH to apply a smooth and tight finish, before skin formation.

Paintability

After skin formation, Seal-it® 350 SUPER-ALL 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® 350 SUPER-ALL 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 dilation joints. Not suitable for PE, PP, PC, PMMA, PTFE, soft plastic, neoprene or bituminous surfaces. Discolouration may occur under certain conditions, such as due to direct contact with chemicals, applications in dark rooms/spaces or release of plasticiser from the surface. Ensure adequate humidity in the immediate environment. We recommend testing the adhesion and the material and 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