



## Product

Seal-it® 315 FACADE-LM is a highly elastic, durable, high-quality sealant for expansion joints in façades and floors, that is based on hybrid technology and moisture-cures into a durable rubber that retains its high elasticity.

## Applications

- Particularly suited for sealing of expansion joints (dilation, connecting, mechanical and peripheral joints), such as between/along concrete, natural and other stone, masonry, stainless and other steel, coated and anodised aluminium, plastic, PVC, wood, glass and more.
- Joint seals in façades, floors, galleries, balconies, landings, terraces, staircases, storage rooms, parking garages, platforms, tunnels and roadway and bridge components.
- Apply a durable elastic seal to façade components, such as between/along windows, door and window frames, sections, panels, board materials, prefab components and more.
- Natural stone seals, such as on marble, granite, slate, hard stone and other porous (absorbent) stone types, such as aerated or non-aerated concrete, sand-lime brick, masonry, brick and other porous building materials, such as untreated wood.
- Top and bead seals in laminated and insulating glass, in accordance with NEN 3576/NPR 3577.
- Apply durable, highly elastic seals between concrete, wood, plastic and metal parts.
- Repair compound for maintenance on MSP/hybrid expansion joints in the construction and industrial sectors.

**Colours:** RAL 7021, concrete grey, medium grey, white, black  
Other colours and/or packaging on request.

**Packaging:** 12 sausages (600 ml)

## Properties

- ✓ Durable, retains elasticity, maximum movement capacity of 25%.
- ✓ Excellent adhesion without primer on practically all surfaces, even moist ones.
- ✓ User-friendly and versatile applications in building structures and glazing structures.
- ✓ Paintable with water-based paint systems.
- ✓ Meets requirements for intruder-resistant glass, in accordance with the Secure Home
- ✓ Police Label (the "Politie Keurmerk veilig wonen").
- ✓ Free of isocyanate, solvents and silicone.
- ✓ Very low emission: certified EMICODE EC1 PLUS.
- ✓ Good resistance to discolouration, UV, weather, water, moisture and ageing.
- ✓ Non-corrosive to metals.
- ✓ No staining or bleeding on porous stone types or other materials.
- ✓ Low-odour, adhesive-free, acid-free and non-shrink curing CE-certified hybrid system.

## Technical product data

Property	Value + unit
Viscosity (ISO 7390)	< 2 mm
Viscosity	1,30 g/ml
Skin formation time (23°C and 55% R.H.)	15-20 minutes
Cures in 24 hours (23°C and 55% R.H.)	± 2 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)	18°
Modulus at 100% (DIN 53504)	0,29 MPa
Tensile strength (DIN 53504)	1,00 MPa
Stretch at breaking point (DIN 53504)	450%
Certifications	- EN 15651-1: F-EXT-INT-CC-25LM - 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.

## Application conditions

- ✓ Application temperature (ambient and surface) between +5°C and +40°C.
- ✓ On clean, uncontaminated, dry, stable, compatible, dust-free and grease-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® 315 FACADE-LM 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.
- ✓ Use Seal-it® 550 FINISH to apply a smooth and tight finish, before skin formation.

# 315 FACADE-LM

## Paintability

Seal-it® 315 FACADE-LM is excellently paintable with emulsion paints. However, synthetic paint systems may dry slowly. When it will be painted (not necessary), for best results, we recommend lightly sanding the Seal-it® 315 FACADE-LM and adjacent parts with a Scotch-Brite® pad, then thorough degreasing with Seal-it® 510 CLEANER and painting immediately after this.

## Limitations and recommendations

Not suitable for continuous water loads. Not suitable for PE, PP, PTFE, 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. Not fungicidal. Ensure adequate humidity in the immediate environment. We recommend testing the adhesion and the material and paint compatibility in advance.

## 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.

## 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: 2019 05 01

The producer reserves the right to make changes. 2020 04 01