

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.

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.



Standard product line

Colour	12 x 290ml cartridge	12 x 600ml foil pack
Anthracite		SI-315-7016-600
RAL 7021		SI-315-7021-600
Stone gray		SI-315-7030-600
Concrete grey		SI-315-7102-600
Medium grey	SI-315-7155-290	SI-315-7155-600
White	SI-315-9100-290	SI-315-9100-600
Black	SI-315-9200-290	SI-315-9200-600

Other colours and/or packaging on request.

Technical product data

Base			HYBRID
Viscosity	mm	ISO 7390	<2
Density	g/ml		1.30
Skin formation time	min.	23°C/55% RH	15-20
Cures in 24 hours	mm	23°C/55% RH	+/- 2
Contraction			None
Permissible deformation	%		25
Temperature resistance once fully cured	°C		-40 / +100
Mechanical values		2mm film	
Shore A hardness		DIN 53505	18
Modulus at 100%	MPa	DIN 53504	0.29
Tensile strength	MPa	DIN 53504	1.00
Stretch at breaking point	%	DIN 53504	450



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.

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.

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 & 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.

Health & 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.

Warranty & liability

Connect Products BV guarantees that its product will meet the specifications during its shelf life. Liability shall never exceed that stipulated in our terms and conditions of sale and supply. Under no circumstances shall the seller be held liable for any consequential damages. The information provided is the result of our testing and experience and is general in nature. However, it does not entail any liability. Users are responsible for performing their own tests to determine whether the product is suitable for the application.

Certifications

EN 15651-1: F-EXT-INT-CC-25LM
EMICODE EC1 PLUS

