

PRODUCT DATA SHEET

Date: 01.06.2021

FINOTECH® SQ-610

Multipurpose Neutral Silicone Sealant

Description

FINOTECH® SQ-610 is a one component neutral curing silicone sealant with good and primerless adhesion to most construction materials like as glass, ceramic, concrete, mortar, aluminum and steel. It cures to form a durable and elastomeric rubber to perform weather- and waterproofing challenges in the construction market

Applications

- Suited for universal and durable joint seals, on practically all surfaces and materials
- Natural stone sealant and good for porous surfaces
- Façade cladding sealing
- Sanitary, kitchen, cold storage units
- Construction for the sealing of building components, doors and window frames made of PVC, stainless steel and anodized aluminum
- Mirror adhesive for stainless mirrors

Product Features

- Durability - Excellent weatherproofing capability and unaffected by sunlight, rain, snow, ozone.
- Ease of Application – ready to use as supplied
- No-Meko Neutral Cure - excellent unprimed adhesion to a wide variety of substrates including bricks, mortar, glass, anodized and coated aluminum profiles
- Low sag or slump – suitable for horizontal, vertical, overhead joint applications
- Non stain properties to porous surfaces
- Contains fungicides for Sanitary applications

Limitations

FINOTECH® SQ-610 should not be used:

- As a 4-sided structural bonding adhesive
- On surfaces that are continuously immersed in water unless primer usage and lab tests
- On building materials that bleed oils, plasticizers or solvents, green or partially vulcanized rubber gaskets or tapes
- On frost-laden, wet or contaminated surfaces
- On excessively basic or acidic substrates

- In totally confined joints (the sealant requires atmospheric moisture for cure)
- If the sealant is intended to be painted (paints do not typically adhere to most silicone sealants)
- Under exceedingly hot conditions (exceed 120°C) or cold conditions (below -40°C)
- In horizontal floor joints where abrasion and physical abuse are likely to be encountered
- On mill finished aluminum

Product Characteristics

Figures are only intended as a guide and should not be used in preparing specifications.

Finotech® SQ-610 Properties (23°C,50% RH)			
Property	Method	Unit	Value
Appearance	ISO 11600		No grain, no agglomeration
Colors			See color chart
Density	ISO 1183	g/cm ³	1.03
Slump resistance	ASTM D 2202	mm	0
Skin forming time	ASTM C 679	min	≤ 40
Curing Rate		mm/ 24hrs	3
Extrudability	ISO 8394	ml / min.	>400
Maximum Movement tolerance	ASTM C920	%	± 25
Tensile Strength	DIN 53504	MPa	≥ 1.5
Ultimate Elongation	ASTM D 412	%	400
Application Temperature		°C	min+5 max +40
Service Temperature range after cure		°C	-40 / +150

FINOTECH

THE CONFIDENCE BOND

Certifications



EN 15651-1: F-EXT-INT-CC 25LM
EN 15651-2: G-CC 25LM
EN 15651-3: S-XS1
EN 15651-4: PW-EXT-INT-CC 25LM
EUROFINS LEED®
VOC emission class A+
EMICODE EC1 PLUS

Packaging

Cartridge 300 ml (24 per box)
Sausage 600 ml (20 per box)

Shelf-life and Storage

When stored at or below 30°C in the original and unopened packaging, the product has a shelf life of 12 months from the date of manufacture. Refer to product packaging for "Manufacturing Date".

Handling Precautions

Product safety information required for safe use is not included in this document. Before handling, read product and material safety data sheets and container labels for safe use, physical and health hazard information. The material safety data sheet is available on the FINOTECH Website (www.finotech.ch).

Health and Environmental

To support Customers in their product safety needs, FINOTECH has an extensive Product Stewardship organization and a team of Product Safety and Regulatory Compliance (PS&RC) specialists available. For further information, please see our website www.finotech.ch or consult your local Finotech representative.

Limited Warranty

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective, and fully satisfactory for the intended end use. Suggestion of use shall not be taken as inducements to infringe any patent. FINOTECH's product warranty confirms our products will meet always the technical data sheets values for the duration of the granted shelf-life if all advises given by FINOTECH through application, storage and handling guidelines have been followed up correctly. Customers can be asked to protocol and proof that the guidelines were followed. FINOTECH specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability others than described in our technical data sheets. FINOTECH's product warranty disclaims liability for any incidental or consequential damages.