

PRODUCT DATA SHEET

Date: 01.09.2019

FINOTECH® SQ-5

Insulating Glass Primary Butyl Sealant

Description

FINOTECH® SQ-5 Hot Melt Butyl is a one-component sealant, specially designed for primary sealing in dual sealed insulation glass compositions.

Features

- Low water vapor and gas permeability for interior sealing of multi-pane insulating glass units.
- Good adhesion to glass, aluminum and galvanized or stainless steel.
- Good ageing resistance.

Product Characteristics

Property	Method	Unit	Value
Chemical Base			Synthetic rubber (polyisobutylene) solvent-free
Color			Black
Consistency			Solid compound, to be applied at elevated temperatures using a heated butyl extruder
Density	GB/T 1033	g/c m3	1.10 – 1.20
Fogging	EN 1279-6 Annex C		Without visual fogging
Penetration	ISO 2137, 0.1mm		40 - 50
IG unit moisture penetrations (tested with FINOTECH® SQ-10; SQ-20)	EN 1279-2		Pass

IG unit gas penetration (tested with FINOTECH® SQ-20)	EN 1279-3		Pass
Application Temperature Range		°C	110 - 140
Service Temperature Range (after cure)		°C	-30 / +80
TUV Rheinland – Test Results			
Gas permeation	EN 1279-4	g/m 2*h	0.0034
Water vapor transmission rate	EN 1279-4	g*2 mm/ m2* 24h	< 0.1
Volatile content	EN 1279, Annex G	%	< 0.5

Approvals/Specifications

Meets the requirements of EN 1279.

Application

FINOTECH® SQ-5 is supplied ready for use but must be heated to approx. +110°C to +140°C for application. The product is applied with heated butyl extruders.

Packaging

FINOTECH® SQ-5 is available in:

- 1) 7kg/barrel (diameter 190mm, height 301mm)
- 2) 6kg/barrel (diameter 174mm, height 255mm)
- 3) 180kg/drum (diameter 568mm)

Shelf-life and Storage

Store product in a cool, dry and clean place. When stored at room temperature, FINOTECH® SQ-5 has a



shelf life of at least 24 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. Further building project warranties could be given at particular request by the clients following the FINOTECH SQM Building Warranty testing and consulting procedures.