# FINOTECH

## THE CONFIDENCE BOND

**QUALITY SWISS MANAGEMENT**

# PRODUCT DATA SHEET
Date: 01.01.2022

# FINOTECH® SQ-1020
# Industrial Polyurethan Sealant and Adhesives

### Description

Finotech® SQ-1020 is one-component, room temperature curing high strengths polyurethane sealant with excellent adhesion properties. It reacts with the moisture in the air to form its elastomer body with many advantages such as high strength, aging-, vibration exhaustion- and chemical corrosive resistancies.

Those unique product features make Finotech® SQ-1020 an ideal multi-purpose sealant and ahesive for Vehicles, RV's, cool storage containers and modular buildings.

### Features

- Room temperature application and curing
- High adhesive strength, wide range of substrates to be bonded
- Excellent noise, vibration, damp, and impact resistance
- Good weatherability
- Over paintable

### Product Characteristics

| Finotech® SQ-1020 Properties (23℃,50% RH) | | | |
|---|---|---|---|
| *Property* | *Method* | *Unit* | *Value* |
| Chemical Base | | | One-component Polyurethane |
| Color | | | Black, white, grey |
| Specific Gravity | | g/ml | 1.35±0.1 |
| Tack Free Time | ASTM D2377-2014 | min | <120 |
| Solid content | GB/T 2793-1995 | % | ≥ 99 |
| Curing rate | | mm/ 24 hours | ≥ 3.0 |
| Hardness | ISO 7619-1:2004 | Shore A | 40 ±5 |
| Tensile strength | ISO 37:2005 | Mpa | ≥ 3.5 |
| Elongation at break | ISO 37:2005 | % | ≥ 350 |
| Shear strength | ISO 4587:2003 | Mpa | ≥ 1.0 |
| Tear strength | ISO 34-1:2004 | N/mm | ≥ 5.0 |
| Application temperature | | ° C | 5 – 35 |

### Application

**Surface preparation**

Clean all dust, loose particles, greasy dirt and water with gauze or other cleaning tools. Corrosion sites should be removed by metal brush and then use acetone or alcohol to clean the surface. All former sealants should be cleaned by scraping, paring, friction, jet of strong air or suitable ways. For critical surfaces and best adhesion certain Finotech primers should be used.

**Limitation**

Full curing time of 7 days at 20°C should be granted. Don't overpaint with solvent-based paints and check the compatibility before painting. The product shouldn't be used in constant high chloride disinfected areas like swimming pools.

**Packaging**

FINOTECH® SQ-1020 is available in:
1) 400 / 600 ml sausage

**Shelf-life and Storage**

When stored at 5 - 25℃ in the original and unopened packaging, FINOTECH® SQ-1020 has a shelf life of 9 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 always meet 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.