

## PRODUCT DATA SHEET

Date: 01.10.2021

# FINOTECH® SQ-621

## Acrylic Non-Flammable Sealant

### Description

FINOTECH® SQ-621 is a one component, ready to be used, non-flammable acrylate sealant for indoor and outdoor use.

### Application

It is being recommended for sealing connections and joints with moderate tensile stress e.g. between concrete, brickwork, fiber cement, plasterboard, bare and anodized aluminum, steel duct, wood and rigid PVC. Good to sealing and jointing windowsills and ledges, door frames, roller shutter boxes, lightweight walls, ceiling joints, for filling cracks and also is suitable for low to high pressure metal air distribution systems.

It is not recommended to be used in the sanitary sector, on marble/natural stone, in underground applications, on bituminous, tar containing or plasticizer releasing substrates, on untreated (unprimed) metal substrates and for joints in going contact with moisture, e.g. concrete surfaces in contact with the soil.

### Features

- Ease of Application – ready to use as supplied
- Compatible with paints
- Weather- and ageing-resistant, good UV resistance
- Non-Flammable
- Permanently flexible
- Non-Staining
- Mold and mildew resistant

### Approvals/Specifications/Certifications/Tests

ASTM E 84 , certificated Class "A"

### Product Characteristic

| SQ-621 Properties (23°C,50% RH) |           |                   |           |
|---------------------------------|-----------|-------------------|-----------|
| Property                        | Method    | Unit              | Value     |
| Specific gravity                |           | g/cm <sup>3</sup> | 1,67      |
| Viscosity flow                  |           |                   | Non sag   |
| Skin Forming time               |           | min               | 5-7       |
| Tack free time                  |           | min               | 20        |
| Application Temperature         |           | °C                | +5 to +50 |
| Surface burning characteristic  | ASTM E 84 |                   | Class "A" |
| 1.Flame spread (FSI)            | ASTM E 84 | Index             | 0         |
| 2. Smoke Development (SD)       | ASTM E 84 | Index             | 10        |

### Surface Preparation

Surface must be clean, dry & free from dirt, dust, grease, oil, mildew, wax, loose paint & old caulking. Prime bare surfaces before caulking goggles & chemical resistant gloves. Thoroughly rinse surface & allow to dry completely before caulking & painting.

### Directions

1. Clip off tip of spout @ a 45° angle to desired size
2. Load cartridge into caulking gun & apply using steady, even pressure to completely bridge joints.
3. Smooth caulk using a Red Devil Caulk Smoother or a damp cloth for a neat appearance.
4. Wipe away excess with a damp cloth before surface skins over
5. Protect from exposure to rain or water for 72 hrs for adequate curing. May be painted in 2 to 6 hrs depending on climatic conditions (Larger beads, cooler temperatures & higher humidity will extend drying time).



### Clean Up

Water & mild soap

### For Best Results

- Store caulk between +5°C to +25°C
- Do not use for joints subject to heavy abrasion or wear
- Do not attempt to thin caulk
- Prime bare surfaces before caulking
- For a neat, straight bead edge, mask both sides of joint with masking tape. Remove promptly before skin forms
- Do not "overtool" the applied caulk, leaving too little caulk to perform, following cure
- Allow 2 to 6 hrs. drying before painting, depending upon climatic conditions - latex; 24 hrs. drying for oil-based
- Use a premium paint

### Limitations

- Apply only to clean, dry, frost-free surfaces
- Do not apply when rain or freezing temperatures are expected
- Protect from rain & exposure to water for 72 hrs
- Not recommended for use in marine applications, below grade applications or under water applications
- Not recommended for use on automobiles or aquariums

### Packaging

300ml cartridge and 600ml sausage

### Colors

FINOTECH SQ-621 is available in White and Grey. Other colors are available upon request.

### 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](http://www.finotech.ch)).

### Storage and shelf life

FINOTECH SQ-621 acrylic sealant has a shelf life of 12 months if stored in a cool (below 25°C), dry place in its original moisture-tight container. However, if the material is kept beyond the recommended shelf life, it is not necessarily unusable, but a check should be performed to observe whether the product is still workable, apply-able and uncured. KEEP FROM FREEZING.

### 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](http://www.finotech.ch) or consult your local FINOTECH representative.

### Note

The function of the product can only be guaranteed if correctly applied in accordance with the technical recommendations given in this data sheet and in related standards. Sealant application in situations with strongly fluctuating temperatures (premature stressing of the sealant) should be avoided.

### 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.