



ISO 9001 Certified Company

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Technical Data Sheet DAI-ICHI™ SIL19 High Elastic Acrylic Sealant

Revision: 00 September 2020

Characteristics

- DAI-ICHI™ SIL19 High Elastic Acrylic Sealant is a one component, plastic sealant based on an acrylic emulsion.
- The product is almost odour free and is not corrosive towards metals.
- After application the product forms a plastic for gap filler by evaporation of water from the sealant.
- DAI-ICHI™ SIL19 High Elastic Acrylic Sealant is a caulk in terms of less shrinkage, less color change against ultraviolet exposure.
- Adhere to acrylic paint, glass, glazed ceramics and concrete substances.

Typical Properties

Property	Value
Appearance	White
Consistency	No sagging
Density	1.62 ± 0.05 g/cm ³
Solid content	80 ± 2 %
Skin forming time	5-15 min
Application temperature	5-35°C
Hardness (Shore A)	50 ± 5
Paintable after curing	Yes

Application

- Joints in the building industry between wooden and metal window frames and concrete and brickwork.
- Joints between stairs and walls, between concrete and ceiling elements, between wall and ceiling, skirting boards and windowsills.

Limitations

- Among others not recommended for continuous water emersion and not for PE, PP, Teflon and bituminous surfaces.
- Painting over with highly filled emulsion paints can cause cracks in the paint film.

- Not recommend for outdoor application.

Surface Preparation

- Ensure all surfaces that will be in contact with the sealant must be clean, dry, and free of dust, dirt, rust, oil and other contaminants.
- Nonporous substrates should be clean with solvent and wipe dry immediately with cloth before the solvent evaporates from the surface. Porous surfaces should be roughening with a stiff-bristled brush, rubbed down or sandblasted.
- Cut off tip nozzle and cartridge. Screw on nozzle to cartridge.
- Fit into caulking gun; apply on surface in steady flow.
- If required, smooth and shape sealant with spatula dipped in mild detergent.
- To remove excess uncured sealant with a mineral turpentine soaked cloth. Fully cured excess sealant can be removed by trimming with a sharp knife.

Storage

- Store in dry and cool place below 35 ° C.
- Use within 12 months from the date of manufacturing.

Every endeavor has been made to ensure that the information given herein is true and reliable but it is given only for the guidance of our customers. The company cannot accept any responsibility for loss or damage that may result from the use of the information, due to the possibility of variations of processing or working conditions and of workmanship outside our control. Users are advised to confirm suitability of this product by their own tests.