

CI/SfB
CAW
Uniclass

Description

FA810 is a one component gun grade flexible silicone sealant with good chemical resistance for use in hygienically controlled environments.

Colours: Pure White, Slate Grey, Window Grey

Technical data

Property	Test Method	Approximate Values
Specific Gravity	DIN 52451-A	1.31 g/cm ³
Consistency	EN ISO 7390 20 0 mm, Non-Sagging mm Profile	
Film Formation Time	@ 23 °C / 50 % RH 20 minutes	
Cure Velocity	@ 23 °C / 50 % RH 3 mm / 1st Day	
Shore A Hardness	DIN 53505 / ISO 868	31
Tensile Strength @ 100% Elongation	DIN 53504 S2	0.6 N/mm ²
Tensile Strength at Break	DIN 53504 S2	1.5 N/mm ²
Elongation at Break	DIN 53504 S2	480%
Volume Shrinkage	EN ISO 10563	6%
Application Temperature		+5°C to +40°C
Service Temperature		-40°C to +180°C (Short Term)
Storage		Store in original packaging, in shaded dry conditions between +5°C and +25°C
Shelf Life		18 Months

Preparation

Surface Preparation:

- Substrate surfaces must be clean, dry, dust free and free of grease.
- To remove grease or dust from metal surfaces or glass, clean with AT200 cleaner.
- For sensitive substrates like powder-coated surfaces, cleaning can be achieved using the milder AT115 cleaner.
- Good adhesion can be achieved on many substrates without the use of a primer as a pre-treatment but primer recommendations should be followed where required (consult illbruck to check substrate primer requirement).
- Always carry out preliminary testing to confirm compatibility of sealant to substrate prior to use.

Usage Guidelines

Apply FA810 evenly and without air bubbles into the joint using a manual or electric sealant gun.

Smooth the surface with an illbruck smoothing agent AA300 or AA301 within the film formation time.

Use smoothing agent sparingly to avoid contamination, remove immediately with water should contamination occur.

For a neat finish, use masking tape for the joint edges and remove immediately after smoothing.



FA810

CLEAN AREA SEAL

Clean Room Silicone Sealant



For the air and water tight sealing of modular component joints and assemblies in clean room, laboratories, cooling and storage areas and other such applications where hygienic conditions prevail.

Benefits

- Meets requirements of EN ISO 846 (Method A & C) and VDI 6022 (Ventilation & Air Conditioning)
- Tested according to FDA CFR21 §177.2600 by IANESCO (France)
- High resistance to microbial growth, helps prevent a build-up of bacteria and fungi microbes
- Will not degrade when subject to typical cleaning agents
- Odourless after curing
- Free of MEKO, isocyanates, flame retardants, BPAs, PAHs, phthalates, fluorine, bromine and ozone-depleting compounds

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Please Note

- 310 ml Cartridge (12 per carton)
- 400 ml Sausage (12 per carton)
- 600 ml Sausage (12 per carton)

Health + Safety Precautions

Product and safety data sheets must be carefully read and understood before the product is used.

Technical Service

Tremco CPG UK Ltd has a team of experienced Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call Customer Services on 01942 251400.

Guarantee / Warranty

Tremco CPG UK Ltd products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Tremco

CPG UK Ltd written instructions and (b) in any application recommended by Tremco CPG UK Ltd, but which is proved to be defective, will be replaced free of charge.

No liability can be accepted for the information provided in this leaflet although it is published in good faith and believed to be correct. Tremco CPG UK Ltd Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.



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