

CI/SfB
CAW
Uniclass

## Description

GS202 is an elastic, one component silicone sealant, actoxy curing for sealing applications with food and permanent water contact, e.g. drinking water tanks, swimming pools. Also suitable for bonding of fish tanks.

Colours: transparent, aluminiumgrey, black

## Coverage

GS202 is available in 310ml-cartridges.

## Technical data

Properties	Standard	Value
Density	ISO1183-1	approx. 1,03 g/cm <sup>3</sup>
Resistance to flow	EN 27390 20mm	0 mm
Skin formation time		approx. 15 min.
Cure speed		approx. 2,0 mm
Change in volume	ISO 10563	approx. 5 %
Tensile properties at 60% elongation	ISO 8339	approx. 0,4 N/mm <sup>2</sup>
Movement capability		20%
Elongation at break	ISO 8339	approx. 230%
Recovery	ISO 7389	approx. 95 %
Shore A hardness	ISO868	approx. 20°
Application temperature		+5°C to +40°C
Temperature resistance		-40°C to +160°C
Classification	EN 15651-3	Compliant, XS2
Classification	ISO 11600	20LM
Reaction to fire	DIN EN ISO 11925-2	Class E
Storage	-	store in shaded dry conditions between +5 and +25°C
Shelf Life	-	18 months when stored as recommended in original unopened containers



## GS202

### FOOD & WATER SEAL

#### Potable Grade Silicone Sealant



- Sealing of joints subject to food and water contact
- Sealing of tiled surfaces of drinking water tanks, swimming pools and bathing areas
- Bonding of glass fish tanks
- Sealing of joints in stainless steel housings for food processing
- Sealing of joints on clean room equipment/devices
- Sealing in cooling areas where compliance to direct food contact is required

#### Benefits

- EMICODE: EC1+
- French VOC Regulation: A+
- Tested according to FDA CFR21§177.2600 (e)
- Very good resistance to chemicals and disinfectants
- Permanent water resisant
- Free of biocides

### 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 GS202 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.

### Please Note

310 ml Cartridge (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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