

Cl/SfB		Yt4
CAW P22		
Uniclass L675:P743		
April 2012		

GS200 Sanitary Silicone

Low Modulus, Acetoxy, Sanitary Silicone Sealant

KEY BENEFITS SUMMARY

- Contains fungicide for use in sanitary applications
- Excellent durability
- Good adhesion without primer
- Non-sag: provides rapid cure and does not exhibit sag or weep in joints up to 20 mm wide
- Wide movement accommodation: 20%
- Wide service temperature range: -50°C to +100°C

PRODUCT INFORMATION

Description

Tremco GS200 Sanitary Silicone (formerly Tremsil 200) cures rapidly to form a permanently flexible and extremely durable watertight seal for sanitary applications.

Usage / Purpose

- Bathrooms and shower rooms
- Kitchens
- Changing areas
- Hospital sluice rooms.

LIMITATIONS

Tremco GS200 is NOT recommended for:

- materials where migration of constituents can take place (eg. certain rubbers)
- permanent immersion
- over painting
- uses where abrasion or physical abuse will be encountered (eg. trafficable joints)
- aquariums

- contact with coated and laminated glass
- fixing of mirrors (without manufacturers approval)
- use with lead, copper, brass, zinc or galvanised steel
- use with marble, concrete, brick and other porous substrates.

Colours

Translucent and white.

Environmental Considerations

The use of Tremco GS200 in the correct application will give an airtight seal in conformity with the requirements laid down in Approved Document L of the Building Regulations for England and Wales.

Packaging

310 ml cartridges (20 per case)

Availability

Direct from Tremco illbruck (see back of leaflet for address and telephone details) or via local and national distributors.

USAGE GUIDELINES

Joint Design Considerations

- Joint design to be in accordance with BS 6093.
- For the purposes of joint width calculation in BS 6093, the MAF of Tremco GS200 is 20%.
- Width to depth ratio of Tremco GS200 should be 2:1, subject to a minimum depth of 6mm on non-porous substrates.
- Sealant width not to be less than sealant depth.
- For fillet joints, the minimum bite onto each surface should be 6 mm for non-porous substrates.

Surface Preparation

- Joint faces should be clean, dry and free from dust, oil, grease, old sealant and any traces of contaminant which may affect adhesion.
- Thoroughly clean with a suitable cleaning solvent using the two cloth method. This is where one cloth is dampened with the cleaning product to lift contaminants and a second clean dry cloth is used to remove any cleaner residue. Contact Tremco illbruck Technical Services for further information if required.

Method of Application

- Application should be in accordance with BS 8000:16 - "Code of practice for sealing joints in buildings using sealants".
- Apply between +5°C and +40°C using conventional skeleton gun.
- All beads should be tooled after application to ensure firm, full contact with the joint faces.
- Tooling should commence without delay as Tremco GS200 is a rapid skinning product.

Coverage Rate

(Approximate Linear Metres per 310ml Cartridge)

WIDTH	6 mm	10 mm	20 mm	25 mm
DEPTH				
6 mm	8.6	5.2	-	-
10 mm	-	-	1.6	-
12 mm	-	-	-	1.0

FILLET JOINTS TRIANGULAR CROSS SECTION

$$6 \text{ mm} \times 6 \text{ mm} = 17$$

$$10 \text{ mm} \times 10 \text{ mm} = 6.2$$

TECHNICAL INFORMATION

	Test Method	Result (Typical Values)
Composition		acetoxycure silicone sealant with fungicide
Specific Gravity		0.98
Consistency	ISO 7390, profile U20	non-sag
Extrusion Rate	at 23°C	10-20 ml/10s
Skin Forming Time	at 23°C, 50% RH	10-25 minutes
Cure Rate	at 23°C, 50% RH	1 - 2 mm/day
Tensile Strength	ISO 8339	0.6 MPa
Ultimate Elongation	ISO 8339	200%
Modulus at 100% Elongation	ISO 8339	0.36 MPa
Hardness Shore 'A'		18
Tear Strength	ISO 34, Method C	4 N/mm
Elastic Recovery	ISO 7389	95%
Service Temperature Range		-50°C to +100°C

Cleaning

Immediately remove excess sealant and smears adjacent to the joint (use masking tape where appropriate). Cured sealant can only be removed by abrasion.

Health & Safety Precautions

Product Health and Safety Data Sheet must be read and understood before use.

Storage

Store in dry conditions between +5°C and +25°C.

Shelf Life

18 months when stored in its original unopened packaging.

Technical Service

Tremco illbruck 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 illbruck products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Tremco illbruck written instructions and (b) in any application recommended by Tremco illbruck, 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 illbruck Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.