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| Cl/SfB | | Yt4 |
| CAW P22 | | |
| Uniclass L675:P743 | | |

Description

GS360 is a high performance, acetoxycure, construction silicone with excellent adhesion, long-term flexibility and weatherproof performance and contains fungicide.

Colour

White, translucent, grey, brown and black

Packaging

310 ml cartridge (20 per carton)

Environmental Considerations

The use of GS360 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.

Technical Information

| Characteristic | Standard | Classification |
|----------------------------|-----------------------|--|
| Composition | | acetoxycure silicone sealant. White and translucent contain fungicide. |
| Specific Gravity | | 1.01 |
| Consistency | ISO 7390, profile U20 | non-sag |
| Shore A Hardness | ISO 868 | 18 |
| Skin Forming Time | at 23°C, 50% RH | 5-10 minutes |
| Tack Free Time | | Approximately 30 minutes |
| Cure Rate | at 23°C, 50% RH | 1-2 mm/1 st day |
| Tensile Strength | ISO 8339 | 0.9 MPa |
| Modulus at 100% Elongation | ISO 8339 | 0.38 Mpa |
| Elongation at Break | ISO 8339 | 200% |
| Movement Accommodation | | 20% |
| Elastic Recovery | ISO 7389 | 95% |
| Application Temperature | | +5°C to +40°C |
| Service Temperature | | -40°C up to +100°C |
| Storage | | Store in shaded dry conditions between +5°C and +25°C. |
| Shelf Life | | 18 months when stored as recommended in original unopened containers. |

Necessary Tools

- Cartridge gun and sharp knife.

Protective Equipment

Use in well ventilated conditions and ensure all recommended protective equipment is worn during handling & use of this product. For full recommendation, refer to safety data sheet.



GS360

Building Silicone



Usage / Purpose

GS360 is suitable for a wide range of sealing applications, such as: perimeter sealing of door and window frames, sealing and draught proofing of glass and metal assemblies, general construction joints throughout the building.

Key Benefits

- Bonds to many common construction materials
- Rapid curing and permanently flexible
- Excellent external weathering properties

Priming

- GS360 has excellent primerless adhesion to many typical construction materials. For special situations, or if in doubt, please contact tremco illbruck Technical Services Department to discuss your requirements.

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 GS360 is 20%
- Width to depth ratio of GS360 should be 2:1
- The minimum contact area with any substrate (including for fillet joints) should be determined by the quality of the bond. If in doubt, please contact tremco illbruck.
- Sealant width not to be less than sealant depth.

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. Any previously applied sealant must be mechanically removed.
- Thoroughly clean with a suitable cleaning solvent using the two cloth method, using one cloth dampened with the cleaning product to lift contaminants and a second clean dry cloth is used to remove any cleaner residue.
- Apply masking tape to prevent contamination of adjacent surfaces.
- Contact tremco illbruck Technical Services Department for further information if required.

Joint Backing

- Deep joints should be filled with an approved material such as FM330 or FM365 PU Foam. In movement joints, back fill the joint with polyethylene joint backing in order to control the depth of sealant and prevent three-sided adhesion.

Application

- Always carry out a test application prior to installation, to confirm compatibility and suitability for use
- 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 a conventional skeleton gun or electric/power equipment
- All beads should be tooled after application to ensure firm, full contact with the joint faces.
- Tooling should commence without delay due to the rapid skinning of the product.

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.

Coverage

| Width x Depth (mm) | Linear metres per 310 ml Cartridge |
|--------------------|------------------------------------|
| 6 x 6 | 8.6 |
| 10 x 6 | 5.2 |
| 10 x 10 | 3.1 |
| 20 x 10 | 1.6 |
| 25 x 12 | 1.0 |

| Fillet Joint Width x Depth (mm) | Linear metres per 310 ml Cartridge |
|---------------------------------|------------------------------------|
| 6 x 6 | 17.0 |
| 10 x 10 | 6.2 |

Cleaning

Remove excess sealant immediately with AT200 High Strength Cleaner. Ensure surface is solvent resistant before cleaning. Cured sealant can only be removed mechanically.

Please Note

May be stained in direct contact with bitumen and asphalt. Do not apply to surfaces in direct contact with food. Do not use for sealing lead or other soft metals. Not recommended for fixing mirrors. Always carry out an adhesion test before applying to PVCu. Not suitable for sealing around IG units. Do not use in permanently submerged joints. Do not use for the construction of aquaria.

Health & Safety Precautions

Safety data sheet must be read and understood before use.



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