

PITTSEAL® CW SEALANT

Product Datasheet

FOAMGLAS®

Pittsburgh Corning

1. Description and area of application

PITTSEAL® CW sealant is a universal adhesive and construction joint seal for adhering all kinds of materials with the exception of PE and PP. This polymer can be used on any surface; is extremely versatile and the answer for any requested adhesion. PITTSEAL® CW sealant is completely free of solvents, plasticizers, silicons and isocyanates. PITTSEAL® CW sealant is even certified for applications with direct food contact.

2. Field Application

Always read and understand information contained within product datasheets and safety datasheets before attempting to use this product. If you have questions regarding fitness of use of this product for a particular application, consult Pittsburgh Corning.

Substrate Preparation

All surfaces should be dry and free of dust, loose scale, oil, grease and frost.

Environmental Considerations

Facilitate application at low temperature by keeping containers in a heated location or loosen lid and warm by indirect heat. DO NOT heat containers with flame or direct heat.

Cellular Glass Application Guidelines

DO NOT thin. Apply with trowel, knife or caulking gun. Apply sufficient material to both surfaces and press surfaces together firmly to obtain a complete seal. Joints less than or equal to 3 mm are desirable.

DO NOT use this or any other sealant to fill large voids from poor fitting. Insulation joints should be rubbed to obtain good fit before application of sealant. If a coating is to be applied, cut off any squeezed out sealant flush with surface.

Clean up and Disposal

Dispose of excess sealant and containers in accordance with local, state and federal regulations.

Type of Delivery and Storage

- 290 ml cartridges.
- 600 ml sausages
- Store original, unopened containers in a cool, dry area between 5°C and 25°C
- Store for 18 months in unopened packaging
- Protect unopened containers from water, heat and direct sunlight.
- Consult Safety Data Sheet for additional storage and handling information.



3. Coverage

Standard application of sealant to FOAMGLAS® insulation:

- 290 mL cartridge: 900 cm² x 3 mm film.
- 290 mL cartridge: Will produce a bead ~ 7.5 m in length and ~ 6.4 mm in diameter.

4. Typical Properties

PROPERTY	SI
BASIS	MS Polymer
COLOR	off - white
DENSITY	1.58 kg / L
APPLICATION TEMPERATURE	
MAXIMUM	40°C
MINIMUM	5°C
SERVICE TEMPERATURE ^B	
MAXIMUM,	90 °C
MINIMUM	-40 °C
TENSILE STRENGTH	2.6 n/mm ²
ELONGATION AT BREAK	400%
FLOW RESISTANCE (ISO 7390)	< 2 mm
CURE TIME	3 mm per 24 hours
MOVEMENT ABSORPTION	25%
100% MODULUS	1.32 MPa N/mm ²
HARDNESS	58 shore A
SKIN FORMATION AT 23°C	10 minutes

5. Limitations

- DO NOT use in areas subject to continuous immersion.

The information contained herein is accurate and reliable to the best of our knowledge. But, because Pittsburgh Corning Corporation has no control over installation workmanship, accessory materials or conditions of application, NO EXPRESSED OR IMPLIED WARRANTY OF ANY KIND, INCLUDING THOSE OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, IS MADE as to the performance of an installation containing Pittsburgh Corning products. In no event shall Pittsburgh Corning be liable for any damages arising because of product failure, whether incidental, special, consequential or punitive, regardless of the theory of liability upon which any such damages are claimed. Pittsburgh Corning Corporation provides written warranties for many of its products, and such warranties take precedence over the statements contained herein.

Pittsburgh Corning Corporation

To contact by phone or email:

Global Industry Headquarters
800 Presque Isle Drive
Pittsburgh, PA 15239 USA

For web-based Sales and Technical
 Service inquiries, please visit
www.foamglas.com.

Industrial & Commercial Sales

Americas

+1 724 327 6100

+1 800 545 5001

Asia-Pacific

Singapore: + 65 9635 9184

China: +86 (0) 21 6140 8002

Japan: + 81 50 7554 0248

Europe, Middle East & Africa

+32 13 661 721

Technical Services

Americas & Asia Pacific

+1 800 327 6126

Foamglastechnical@pghcorning.com

Europe, Middle East & Africa

+32 13 611 468

Industrytechnical@foamglas.com