

# PRODUCT DATA SHEET

## Delta Glass PC 56



### Description

PC 56 is a solvent-free 2-component adhesive. Component A is a bitumen-based emulsion and the component B is a powder. Mixing ratio by weight: 3 parts of component A, 1 part of component B. PC 56 is used for adhering Delta Glass insulation to concrete, masonry or wood, bonding two layers of Delta Glass insulation together or as a surface coating on Delta Glass insulation.

### Specification

- M21/210 External wall insulation system
- K10/35 Wall lining system (metal framing)
- K10/220 Proprietary suspended ceiling system
- K10/165 Wall lining system (metal framing)
- F30/150 Full fill cavity insulation
- E20/30 Underslab insulation
- E20/200 Proprietary underslab insulation
- Pr\_25\_71\_52\_13 Cellular glass insulation boards

### Fields of Application

- Adhesives for Delta Glass insulation
- Sealant for Delta Glass insulation

### Packaging

PC 56 is supplied in a 28 kg container (net content) – consisting of 21 kg of emulsion and 7 kg of a cementitious powder.

### Product Details

DMS Special Order

### Storage

- Store cool and dry in a closed container
- Protect against heat and direct sunlight
- The adhesive must be protected from frost
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
- Store only in original container
- Keep at temperatures between +5 and +30°C

### Associated Products

- Delta Glass Floorboard T4+



### Technical Data

Delta Glass PC 56	
Type	Two-component Adhesive, Hydraulic Binding
Basis	Component A: Bitumen Emulsion Component B: Calcium Silicates, Calcium Aluminate, Calcium Aluminate Ferrite
Consistency	Pasty
Service Temperature	-15°C to +45°C at Friction-Locked Adherence
Application Temperature (Air + Basis Surface)	+5°C to +35°C (not on frozen substrates)
Application Time	At 20 °C: App. 90 Minutes
Drying Time	Approx. 3 Hours
Dehydration Time	Several Days
Mass Density	Approx. 1.20 kg/dm <sup>3</sup>
Colour	Black/Brown
Water Vapour Diffusion Resistance	μ= Approx. 40,000
Water Solubility	Insoluble After Complete Drying
Solvents	None
Reaction to Fire (EN 13501-1)	E
VOC	Free
Giscode	BBP 10

The physical properties indicated above are average values, which are measured under typical conditions. These values may be influenced by insufficient mixing, the type of laying, the layer thickness and the atmospheric conditions during and after application. In particular drying times are affected by temperature, air humidity, direct sunlight, wind, etc.

### Guarantees

Delta Membrane Systems Limited offer a 30-year Product Guarantee on Type C membranes, seals and fixings when a Delta Waterproofing System has been installed by a Delta Registered Installer. A list of experienced Delta Registered Installers is available from Delta's offices.

### Installations

Please refer to Delta's Installation Guides. Installation Guides can be found at [www.deltamembranes.com/technical/delta-installation-guides/](http://www.deltamembranes.com/technical/delta-installation-guides/). We have a number of "How to" subject related video guides available on your Youtube Channel and Website. Please visit [www.deltamembranes.com/technical-categories/the-video-suite](http://www.deltamembranes.com/technical-categories/the-video-suite)

### Safety

Always follow the instructions provided in the material safety data sheet and take the precaution described there. Wear appropriate Protective Personal Equipment (PPE) when applying and using the material. Observe all governmental, state, and local safety regulations when processing the material.

- May cause allergic skin reaction
- Erythema (skin redness)
- Ingestion may cause gastro intestinal irritation, nausea, vomiting and diarrhoea.

### Other Information

All data and information contained in these Product/Technical Data Sheets is up-to-date and correct as at the date of issue. The information given is suggested as guidance and should only be used for evaluating your specific application. Delta Membrane Systems Limited cannot control or anticipate the conditions under which this product may be used, each user should review the information in specific context of the planned use. The information contained in these Product/Technical Data Sheets should not be considered a warranty, expressed, or implied, including but not limited to a warranty of merchantability or fitness for a particular purpose. In no event shall Delta Membrane Systems Limited be liable for any incidental or consequential damages resulting from the use, misuse, or inability to use the product. This exclusion applies regardless of whether such damages are sought based on breach of warranty, breach of contract, negligence, strict liability in tort, or any other legal theory. When in doubt, contact Delta's Technical Team on 01992 523 523.

