



The Glue People

Trade Grade Products Ltd
10 Victory Close
Woolsbridge Industrial Park
Three Legged Cross
Wimborne, Dorset, BH21 6SX

Tel 01202 820177
Fax 01202 814011

Tradeseal CMS

High Quality Colour Matched Silicone

Product Description

Tradeseal Colour Matched Silicone is a low modulus, neutral curing, sanitary silicone which is non-staining. It provides a long lasting watertight seal for interior and exterior applications.

Uses

Used for a wide range of building, glazing and household applications including sanitary applications. Due to its non-staining properties Tradeseal CMS is suitable for use on natural stone such as granite and marble.

Packaging and Colours

Colours: Clear or Colour matched to customer's specification or any RAL colour.

Packaging: 310ml cartridge packed 12 per box.

Shelf life

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.

Technical Data

Base:	Silicone
Consistency:	Stable Paste
Skin Formation:	ca 5-10 min (20°C / 65% relative humidity)
Curing Rate:	2mm/24h (23°C / 55% R.H.)
Slump:	< 2 mm
Density:	1.02 g/ml
Max Movement Capacity:	25 %
Temperature Resistance:	-60°C until +180°C

Mechanical Film Properties – 2mm film

Hardness, Shore A (DIN 53505)	25 + or - 5
Modulus, 100% (DIN 53504)	0.38N/mm ²
Tensile Strength (DIN 53504)	1.50 MPa
Elongations At Break (DIN 53504)	800%

Joint Dimensions

Minimum Joint Width	4mm
Maximum Joint Width	25mm
Joint Connection	4-8mm (width) – 6mm (depth) 10-12mm (width) – 8mm (depth) 14-16mm (width) – 10mm (depth) 18-20mm (width) – 12mm (depth) 22-24mm (width) – 14mm (depth)

Quantity Estimation: Width x Depth of Joint x Length (in linear metres) of Joint.
Divide this by the volume of cartridge in ml to get total number of cartridges needed.

Surfaces

Substrate: Most of the usual building substrates, most metals, polyesters and many plastics.
State of surface: Surfaces should be clean, dry and free from dust and grease.

Application

Application method: Manual or pneumatical caulking gun
Application temperature: +5°C to +25°C
Finishing: Smoothen joint with a soapy solution before skin forming

Limitations

Not recommended for locations subject to continuous water immersion and not for aquaria, PE, PP, Teflon, wax, neoprene and bituminous surfaces. Not paintable. On porous substrates a primer may be required. Adhesion tests prior to application are recommended. It is the users responsibility to determine suitability.

Transport Information

Non hazardous for all means of transport.

Information

Data contained in this document is for information only and is believed to be reliable. Trade Grade Products Ltd (TGP) cannot assume responsibility for results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability of the product for any specific purpose and TGP is pleased to provide a sample upon request.

Before using this product ensure that you have been supplied with and have read carefully the following information.

- The hazard label (complying with latest CDG/CPL regulations) applied to the container.
- Material Safety Data Sheet, Trade Grade Colour Match Silicone.