

# HYG|ie|CLAD

## CM

### High Quality Colour Matched Silicone

#### Product Description

Hyg-ie-Clad CM is a premium quality, low modulus, neutral curing (Oxime) silicone sealant which contains fungicides making it suitable for use as a sanitary sealant, as well as many other sealant applications. 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, rooms with high humidity, cold storage units and Hygienic Cladding. Suitable for use in Caravans, Motorhomes and other vehicles where a colour matched and/or sanitary sealant is required.

#### Packaging and Colours

**Colours:** White, clear and colour matched to customer's requirements.

**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

	Clear & Colours	White	
<b>Base:</b>	Polysiloxanes		
<b>Consistency:</b>	Stable Paste		
<b>Curing System:</b>	Moisture cure		
<b>Skin Formation:</b>	9-12 min	10-15 min	(23°C / 50% RH)
<b>Curing Rate:</b>	2mm	2.5 to 3mm	24h @ (23°C / 50% R.H.)
<b>Slump:</b>	< 2 mm	<2mm	
<b>Density (ISO 1183):</b>	1.03 g/ml	1.03 g/ml	
<b>Max Movement Capacity:</b>	25 %	25%	
<b>Application Temperature:</b>	+10°C to +30°C	+10°C to +30°C	
<b>Service Temperature:</b>	-50°C to 160°C	-50°C to 160°C	
<b>Hardness, Shore A (ISO 868)</b>	25 ± 5 Shore A	15 ± 5 Shore A	
<b>Elastic Recovery (ISO 7389)</b>	> 80%	> 90%	
<b>Deformation Capability (ISO 11600)</b>	25%	25%	
<b>Modulus at 100% Elongation (ISO 8339)</b>	0.39 N/mm <sup>2</sup>	0.22 N/mm <sup>2</sup>	

**Joint Dimensions**

<b>Minimum Joint Width</b>	3-4mm
<b>Maximum Joint Width</b>	25 mm
<b>Joint Connection</b>	3-4mm (width) – 3-4mm (depth) 6mm (width) – 6mm (depth) 8mm (width) – 8mm (depth) 10mm (width) – 6-8mm (depth) 15mm (width) – 10mm (depth) 20mm (width) – 10-12mm (depth) 25mm (width) – 15mm (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 pneumatic caulking gun  
**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. A total lack of UV can cause a slight colour change, but this will revert to the original colour in sunlight. Sanitary formulations such as this should not replace regular cleaning as excessive contamination can stimulate fungal growth. 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. Print Solutions / Hyg-ie-Clad 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.

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, Hyg-ie-Clad CM Silicone.

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