

Three Bond 5211 Neutral Curing Silicone Sealant – Low Modulus

Product Outline

TB5211 is a single-component, non-slumping paste, solvent free and non-acid RTV (room temperature vulcanizing) silicone sealant which has been developed for civil engineering, construction and industrial use. Three Bond 5211 cures spontaneously on exposure to atmospheric moisture and forms a durable rubber solid.

Features

- Excellent adhesive strength to glass, metals, wood, plastics, UPVC, concrete, ceramics etc.
- Excellent weather-proof characteristic and maintains constant performance. Stable against sunlight, ozone, water, temperature change, etc. and maintains permanent elasticity without deterioration and colour change.
- Outstanding cold and heat resistance maintains stable rubber-like elasticity over the wide temperature range from - 70°C to +260°C.

Typical Properties

Properties	Value
Appearance	Non-slump paste
Colour	5211A – White 5211C – Clear 5211E – Black
Specific gravity	1.04
Tack free time	45 minutes
Elongation	500%
Hardness	23A
Tensile strength	2.5 MPa
Hardening rate	3mm / day

Directions for Use

- In order to fully utilise the performance of the liquid gasket, it is recommended to eliminate oil, dirt and any previous gasket material from the work.
- TB5211 may be applied directly from the cartridge. Cut nozzle to desired bead size, 3mm is suitable for most applications.
- For flange sealing apply a uniform continuous bead and assemble the parts immediately or within 10 minutes whilst silicone is still wet. Tighten bolts to specified torque – no need to re-torque later.
- For joint filling the surface can be finished with a smoothing tool immediately.

Handling precautions

- TB5211 is safe to handle as long as normal hygienic practices are observed.
- Avoid breathing fumes and repeated or prolonged skin contact.
- Contact with skin in such conditions should be avoided by using gloves or barrier creams.
- Refer to the product MSDS for further details.
- Use and keep out of reach of children.

Storage

- Shelf life 12 months when stored tightly sealed in a dry cool place avoiding direct sunlight.

Packaging

- 330ml cartridge (fits standard caulking guns).