



601 Construction & Glazing Neutral Cure Silicone Sealant

Description

Hychem 601 construction & glazing sealant is a one part sealant specially designed for use where neutral cure compatibility and high strength are required. After application, it reacts with atmospheric moisture to produce a formed -in-place silicone rubber seal.

- Superior adhesion to wide range of metals, glass, woods, plastics, aluminum, granite, marbles, steel, stones, masonry, concrete, PVC, painted surface etc.
- Outstanding weatherability
- Conform to ASTM C-920 specification of Type S, NS.
- Contains strong anti-fungicide, making it ideal for wet areas.
- Neutral cure system.
- Non-corrosive & odourless
- Available in clear (transparent), white, grey and black.
- Ideal for structural applications.
- Approval by HDB for all HDB projects. (Test report from PSB available upon request)

Application

Typical sealing include glass to glass or glass to aluminum sash bonding in curtain wall and windows, prefabricated house use, metal cladding and ducting, caravans, appliances manufacturing and plastic sign installation.

TYPICAL PROPERTIES

<u>Property</u>	<u>Value</u>	<u>Test Method</u>
Hardness Shore A	36.9	ASTM C661
Tensile strength	150 psi (2Mpa)	ASTM D412
Peel strength	32.9 N	ASTM C794
Joint movement capability	± 50%	ASTM C719
UV & ozone resistance	excellent	weatherometer twin arc
Staining on concrete	none	ASTM C510
Tack free time	60 mins	ASTM C679
Temperature resistance	- 60°C to 205°C	
Ultimate elongation	750%	
Skin forming time	20 mins @25°C (77F) at 50% RH	
Slump (50°C) mm	Non slump	ASTM C639
Tooling time ≅ (mins)	15 – 20 mins	@25°C (77F) & 50% RH