



624 Construction & Glazing Acetoxy Silicone Sealant

Description

Hychem 624 is a single part, high grade acetoxy silicone. It is suitable for all medium to large scale construction & glazing requirements. 624 meets TT-S-001543 (silicone building sealant), TT-S-00230C (single component building sealant) and ASTM C-920 specification of type S, NS.

- Outstanding weatherability
- Contains strong anti-fungicide, making it ideal for wet areas or sanitary use.
- Approval by HDB for all HDB projects (Test Report from PSB available upon request).
- Superior adhesion to wide range of building materials such as glass, woods plastics, aluminum, granite, marbles, steel, stones, masonry, concrete, PVC, ceramic, painted surfaces etc, ... (it is recommended a sample material is tested for exact compatibility first)
- Available in clear (transparent), white, grey and black.

Application

Typical sealing include of window & door perimeter joints, glass to glass or glass to aluminum sash bonding in curtain wall & windows, prefabricated joints, metal or aluminum cladding, ducting, bathroom & toilet areas, etc

TYPICAL PROPERTIES

<u>Property</u>	<u>Value</u>	<u>Test Method</u>
Hardness Shore A	26 - 30	ASTM C661
Tensile strength	150 psi (2Mpa)	ASTM D412
Peel strength	43 N (9.7 lbf)	ASTM C794
Joint movement capability	± 25%	ASTM C719
UV & ozone resistance	excellent	weatherometer twin arc
Staining on concrete	none	ASTM C510
Tack free time	10 – 15 mins	ASTM C679
Temperature resistance	- 62°C to 205°C	
Ultimate elongation	550%	
Skin forming time	10 mins @25°C (77F) at 50% RH	
Slump (50°C) mm	Non slump	ASTM C639