



TUCO Sealant

TECHNICAL DATA SHEET

DESCRIPTION

TUCO Sealant is a one component, medium modulus, moisture curing polyurethane construction sealant. The product has been formulated to offer a non-slump elastomeric sealant, which exhibits good skin formation time and fast cure.

TYPICAL USES

TUCO Sealant may be used for bonding and sealing most common building materials including concrete, wood, lacquered metal, anodised aluminium, and glass. TUCO Sealant has high elasticity, excellent recovery and tear resistance, and good weatherability. TUCO Sealant can also be used in submerged conditions.

ADVANTAGES

1. Tough resilient seal
2. High elasticity, excellent recovery and tear resistance
3. Good resistance to dilute acids and alkalis
4. Non-toxic - safe for potable water application
5. Can be used even in submerged conditions
6. Excellent workability
7. No primer required
8. Fast cure
9. Good weatherability
10. UV resistant
11. Non-staining
12. Paintable

STANDARD COMPLIANCE

ISO 11600 Class F 25LM
ASTM C 920

TECHNICAL DATA

Colors	Black, grey, white, beige and ivory. Other colors subject to minimum quantity.
Movement Accommodation Factor	+/-25%
Consistency	Thixotropic
Specific Gravity @ 20°C	1.18
Tooling Time @ 20°C and 50% R. H.	60 min.
Paint Compatibility	Water-based paints

Note: Paints may crack with excessive joint movement.

Skin Formation Time @ 23°C 50% R. H.	120 minutes
Curing Speed @ 23°C 50% R. H.	3mm/day
Shore A Hardness	
MEI 022	35
Modulus at 100%	
Elongation (ISO 8339)	0.4 MPa
Elongation At Break (ISO 8339)	750%
Temperature Resistance	-30 to +70°C

CHEMICAL RESISTANCE

TUCO Sealant is resistant to:

Ultraviolet Light	Good
Dilute Acids and Bases	Medium
Salt Water	Excellent

APPLICATION

Preparation

It is essential that the joint arises are clean and free from any deleterious matter which could prevent adequate bond to the substrate.

The substrates must be clean, dry, free of dust and grease and other contaminations. Do not apply to wet, damp or hot surfaces, or during inclement weather when used in exterior joints.

Application

TUCO Sealant shall be applied with a manual or pneumatic caulking gun. After application the sealant can be smoothed with a finishing tool or gloved finger dipped in soapy water as lubricant.

maintained. In open joints use backer rods to keep a uniform joint depth.

EQUIPMENT CLEANING

Tuco Sealant should be removed immediately from tools using solvent (white spirit) before curing.

Cured material can only be removed by mechanical means.

APPLICATION TEMPERATURE RANGE

Minimum	+5°C
Maximum	+40°C

STORAGE AND SHELF LIFE

TUCO Sealant has a shelf life of 12 months when stored in original packaging at a maximum temperature of 30°C. If stored at high ambient temperatures or at high humidity the shelf life will be reduced by as much as 50 - 60%.

PACKAGING AND YIELD

TUCO Sealant is supplied in 600ml sausage sachets.

One 600 sachet will fill 6 LM of 10mm x 10mm joint. For larger joints a width-to-depth ratio of 2:1 should be

HEALTH AND SAFETY

TUCO Sealant contains isocyanate and should not come into contact with skin or eyes. If swallowed, DO NOT induce vomiting. Seek medical attention immediately. Wear protective gloves and goggles.

DISCLAIMER: While the information given are, to the best of our knowledge, true, no warranty is given nor implied in connection with any recommendation/s made by us, our representative/s, agents, or distributors as the conditions of use and labor involved are beyond our control.

Any claims for a defective product should be filed and submitted with proof of purchase to Sprint Mega Brands Corporation (SMBC) within 30 days from the discovery of the defect. Claims are non-transferrable. If it is proven after investigation by SMBC that our sealant did not perform as described in our Technical Data Sheet, SMBC's liability extends only to the replacement of product. SMBC shall not honor any claims involving any form of consequential costs or damages such as shipping costs, custom duties, damages to third parties, damages to structures, penalties from delay of a project or any other form of consequential damage.



SPRINT MEGA BRANDS CORPORATION

Mandaluyong City

Telephone: (02) 7216-1430

Email Ad: info@sprintmegabrands.com

Website: sprintmegabrands.com