

TECHNICAL DATA SHEET

SX MIGHTY STRENGTH SUPERFAST PU ADHESIVE

A super fast moisture curing adhesive that gives excellent bond strength to most building substrates including wood materials, metals, plasterboard, fibreboard and PVC. It is resistant to humidity and heat making it ideal for a variety of applications both inside and out.

USES

Bonds wood, concrete, aluminium and plastic in both interior and exterior applications. Secures panels in sandwich constructions. Ideal for bonding window and door frames, staircases and aluminium profiles.

COLOUR: Translucent

PACKAGING: 310ml packed 1 x 12

PREPARATION

For optimum curing it is necessary that one of the surfaces is porous. Ensure that the surfaces to be bonded are dry and free from dust, grease and any loose material.

APPLICATION

Apply at room temperature. Gun the adhesive to one of the surfaces to be bonded. Put both surfaces together immediately applying firm pressure without movement. It will set firm within 5 to 10 minutes. Full bond strength is achieved after approximately 24 hours.

FINISHING

Remove any hardened adhesive mechanically. It is the user's responsibility to dispose of all packaging correctly.

SX MIGHTY STRENGTH SUPERFAST PU ADHESIVE TECHNICAL DATA SHEET CONTINUED

HEALTH & SAFETY

HARMFUL: Contains Diphenylmethane diisocyanate. Harmful by inhalation. Irritating to eyes, respiratory system and skin. Limited evidence of a carcinogenic effect. May cause sensitisation by inhalation and skin contact. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Keep out of reach of children. Do not breathe vapour. Wear suitable protective clothing and gloves. In case of accident or you feel unwell, seek medical advice immediately (show the label where possible). If swallowed, seek medical advice immediately and show the container or label. In case of accident by inhalation: remove casualty to fresh air and keep at rest. Contains isocyanates. See information supplied by the manufacturer. Tactile warning applicable. Dispose of empty packaging correctly.

LIMITATIONS

Amongst others not recommended for locations subject to continuous water emersion. Not suitable for use with aquaria. Do not use below +5°C. Foam formation of the adhesive as a result of insufficient pressure or an insufficient fit leads to a decreased end strength. Adhesion tests prior to application are recommended. It is the users responsibility to determine suitability.

LIABILITY

The information given is the result of our tests and experience and is believed to be accurate and reliable. However as Siroflex Limited cannot know all the uses its products may be put to, and as application methods are out of our control it is the users responsibility to determine suitability of use.

TECHNICAL DATA		DIMENSION	SX MIGHTY STRENGTH SUPERFAST PU ADHESIVE
Basis			PU
Application temperature		°C	+5/+30
Density		g/ml	1,12
Solids		%	100
Open time	23°C/65% RF	min	5
Hand tight after	23°C/65% RF	min	20
Final adhesion after	23°C/65% RF	hour	24
Usage		g/m ²	250-400
Shelf life stored between +5°C / +25°C		month	12
Temperature resistance after curing		°C	-30/+80
Water resistance after curing		DIN 68602	D4
<i>Mechanical properties</i>			
<i>2mm film</i>			
Tensile strength	Wood to wood	40kg/cm ²	10 min
Tensile strength	Wood to wood	80kg/cm ²	30 min
Tensile strength	Wood to wood	130kg/cm ²	24 hours

Full health and safety data information can be downloaded from www.siroflex.co.uk