

POWER-X ADHESIVE AND SEALANT

Power-X is a versatile adhesive and sealant. A performer in industrial adhesives. It has a one component, high-modulus composition, that cures under the presence of humidity. Can be used on polystyrene, coachwork, roofing, timber, shipbuilding, DIY and much more.

TECHNICAL DATA	METHOD	VALUE
100% MODULUS		1,5N/mm ²
APPLICATION RATE	Ø2.5mm/6.3 bar	20-30g/min
APPLICATION TEMPERATURE		+5°C TO +40°C
BASE		Hybrid
CURING TIME	@ +23°C/50%	1,5 – 2mm/24 hours
DENSITY	ISO 1183-1	1,59g/ml
ELONGATION AT BREAK	DIN 53504 S2	200%
FLOW	ISO 7390	< 2mm
FROST RESISTANCE		Up to -15°C
SHORE-A HARDNESS	DIN 53505 @ 3 seconds	57
SKIN FORMATION	DBTM 16 @ +23°C/50% RH	10 minutes
TEMPERATURE RESISTANCE		-40°C to +90°C
TENSILE STRENGTH	DIN 53504 S2	1,60N/mm ²

LIMITATIONS

Not suitable for bonding heavy loads without the use of clamps or support during curing time.

Not suitable for use on mirrors.

Not suitable for PE, PP, PC, PMMA, PTFE, softa plastics, neoprene and bituminous substrates.

Not suitable for continuous exposure to water.

Not suitable for movement joints.

Not suitable in combination with chlorides (i.e. pools).

BENEFITS

Instant grab properties, ideal for bonding lightweight materials

Universal bonding and sealing for interior and exterior use

Elastic properties

Adheres without primer on most, even damp, surfaces

Low emission

Almost odourless curing

Works with water-based paints once cured. Solvent-based paints should be tested first.

DIRECTIONS OF USE

Apply Power-X in vertical stripes with 10 to 20cm spacing between stripes. Place the materials into position and press so that the stripes are a minimum of 2-3mm thick, between the material and the surface. Do not apply the adhesive in dots. Consider the use of support and clamping.

SURFACE PREPARATIONS

All materials and substrates must be solid, clean and free of grease and dust. Firstly, clean substrates with an appropriate cleaner. No need to use a primer prior to use. Porous substrates need to be pre-treated with primer. Always test adhesion prior to application.

SHELF-LIFE

Store between +5°C and +25°C away from direct sunlight. Shelf-life is 18 months when stored as recommended in original unopened packaging.

WARRANTY AND GUARANTEE

Rite Adhesives warrants that this product complies, within its shelf life, to the specifications mentioned in this technical data sheet.

OTHER NOTES

N/A