

starchem

Specialist Suppliers of Paint Refinishing
Ancillaries to the Automotive Trade

PU SEALERS PUBLACK-310/PUWHITE-310/PUGREY-310

Technical Data:

Base	Polyurethane
Consistency	Paste
Curing System	Moisture Cure
Skin formation (20°C/65% R.H.)	Ca. 15 min.
Curing Rate (20°C/65% R.H.)	3 mm/24h
Hardness (DIN 53505)	40 ± 5 Shore A
Specific Gravity (DIN 53479)	1,30 g/ml
Temperature Resistance	-30°C to +90°C
Elastical Recovery (ISO 7389)	> 80 %
Maximum allowed Distortion	20 %
Elasticity Modulus 100% (DIN 53504)	0,80 N/mm ²
Maximum Tension (DIN 53504)	1,70 N/mm ²
Elongation at Break (DIN 53504)	700 %

Product:

StarChem PU sealer is a high quality, one component polyurethane sealant with high modulus for a wide range of sealing and bonding applications

Characteristics:

- Very easy application
- Stays elastic after curing
- Very good adhesion on many materials
- Excellent resistance to many chemicals
- Excellent resistance to UV radiation
- Especially developed for concrete applications

Applications:

- All sealing and bonding applications in the automotive industry
- Structural bonding in vibrating constructions

Packaging:

Colour: white, grey, black.

Packaging: aluminium cartridge 310 ml.

Shelflife:

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°

Surfaces:

Type: most metals, polyesters and many plastics – not on glass.

State of Surface: clean, dry, free of dust and grease

Preparation:

- In very warm and moist climates we recommend the use of Primer 100 for applications on porous surfaces,
- No primer required for non porous surfaces.
- Non porous surfaces may be activated by Surface Activator

We recommend a preliminary compatibility test.

Joint Size:

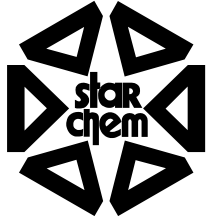
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Company Registration No. 1016000 Registered in England



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- *Minimum Width:* 2mm (in bonding applications)
- 5mm (in joints)
- *Maximum Width:* 10mm (in bonding applications)
- 30mm (in joints)
- *Minimum Depth:* 5mm (in joints)

Recommendation:

- Joints of 12mm or less : depth = width
- Joints of more than 12mm : 2 x depth = width

Application:

- *Method:* caulking gun
- *Application temperature:* +5°C to +35°C
- *Clean:* with white spirit immediately after use
- *Finishing:* with a soapy solution before skinning
- *Repair:* with same product
- **Health- and Safety Recommendation:**
- Apply the usual industrial hygiene.

Remarks:

- In order to ensure the correct performance of our product, Soudal recommends a small adhesion test.
- When painted with oxidative drying paints disturbances in the drying of the paints may occur

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