

PROXON PU SEAL 1K

PROXON PU SEAL 1K is a one-part polyurethane sealant with excellent adhesion, ideal for construction joints and movement sealing.



What

PROXON PU SEAL 1K is a one-part, low modulus polyurethane sealant with excellent adhesion, forming elastomeric mastic. Ideal for construction joints, it meets ASTM Class 25 movement standards.

Why?

- Excellent weather resistance
- Durable, crack-free finish
- Non-powdering surface performance
- Easy single-component application
- Non-sag, smooth extrusion
- Flexible, movement-resistant seal

Usage

PROXON PU SEAL 1K is ideal for sealing joints in concrete walls, artificial panels, precast panels, brickwork, metal frames, water tanks, aluminum windows, irrigation channels & surfaces like granite, marble & glass.

How to use?

- Apply between +5° to +45° C
- Clean surface thoroughly
- Wait 1–2 minutes
- Use separate cloths
- Apply masking tape
- Smooth and finish

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Application

Application temperature should be between +5°C to +45°C. Clean substrate thoroughly using a cleaning agent. Once the surface is dry (after 1–2 mins), apply PROXON PU SEAL 1K. Use separate cloths for cleaner & sealant. For better finish, mask joint edges before application. Cut nozzle to desired size, apply sealant to joints & tool it immediately. Remove masking tape before the sealant skins to ensure a clean appearance.

Packing

600 ml Sausage.

Shelf life

Store unopened for 15 months in a cool, dry area between +5°C to 27°C with 30–70% humidity. Avoid contamination by not returning unused material to the original container. Lower temperature & humidity preferred.

Safety Measures

Keep out of children’s reach. Read product specifications and package instructions before use. Refer to MSDS for safety details. Store away from direct sunlight and follow all safety precautions during handling.

Physical Properties

Appearance	Fine uniform Paste
Colour	Grey & White
Density	1.30±0.10 g/cm ³
Tack Free ///Finger	160 min (ASTM D2377:2000)
Sagging	0 mm (ISO 7390:1987)
Hardness Shore A 7days	26 (ISO 7619-1:2004)
Curing Depth 24 hrs 7 days	4.0 mm 8.5 mm
Tensile strength 7 days	0.6 Mpa (ISO 37:2005)
Elongation at Break 7 days	1050% (ISO 37:2005)

Consumption

WIDTH DEPTH	5mm	10mm	15mm	20mm	25mm
5mm	24	12			
10mm			4	3	2.4
15mm					1.6

1K polyurethane based low modulus sealant

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MANUFACTURING & MARKETING BY:

PROXON PRIVATE LIMITED

Corporate Office : #2/3, Sakthi Nagar Main Road, Arumbakkam,
Chennai-600 106, TamilNadu, India | **MOB :** +91 89259 62014

Website : www.proxon.in | info@proxon.in



Product Use Advisory : The technical information and advice provided are based on current scientific and practical knowledge. As this is general information, no warranty is given on product suitability for specific applications. Users must verify product suitability for their intended use and application.