



One component Polyurethane for sealant, high elastic.

- One component, ready to use.
- Good adhesive on many construction materials.
- Weathering resistance, excellent aging resistance.
- Movements capability: $\pm 50\%$
- High tear resistance.
- Can be coated by suitable paint.



Uses: Weberseal PU is a one part, moisture curing elastic joint sealant base on Polyurethane.

Weberseal PU is suitable for the following applications:

- Sealing the joints for floor and wall.
- Sealing the joints between pipeline, around the door frame.
- Sealing the joints for façade.
- Sealing the joints in structure wood and steel.

PACKING AND STORAGE:

Packaging: Cartridge 300 ml. (25 Cartridge /box)
Sausage 600 ml. (20 Sausage /box)

Colour: White, Grey, black

Shelf life: 12 months from production date in case of stored properly in unopened original packaging.

Storage conditions: Dry, cool, shade area. Suitable temperature 10°C đến 25°C

TECHNICAL INFORMATION

Test	Weberseal PU
Base	Polyurethane
Curing mechanism	Moisture cured
Density	~ 1,16g/ litre
Skin time	~ 70 minutes (+23°C / 50% RH)
Curing rate	~ 3mm / 24h (+23°C / 50% RH)
Sagging	Non
Movement capability	$\pm 50\%$
Application temperature	5°C to 40°C
Temperature resistance	- 40°C to 80°C
Tear strength	~10N/mm ² (ở 23°C và độ ẩm tương đối 50%)
Shore A	≥40 after 28 day (+23°C / 50% RH)
Modulus of elasticity in tension	~0,3 N/mm ² at 100% elongation
Elongation to break	> 600% (+23°C / 50% RH)
Elastic recovery	> 70% (+23°C / 50% RH)
Shear strength	0,4 N/mm ² (+23°C / 50% RH)

**Note : These test results are from laboratory tests. They could be different from the on-site results due to the differences in applications and conditions.*

Design criteria (Expansion joint or construction joint):

The joint width must be designed to be within the movement capability of the sealant. In general, the joint width must be between 10-35 mm. The width to depth ratio of ~2:1. For wall and floor joints, the width to depth ratio is ~1:1.

Joint distance	2m	2 – 3.5m	3.5 – 5m	5 – 6.5m	6.5 – 8m
Max. Width design	15mm	20mm	25mm	30mm	35mm
Min. Width design	10mm	15mm	20mm	25mm	30mm
Joint depth	8mm	8mm	10mm	12mm	15mm

*Can be use extruded foam backing rods to adjust the joint depth

Consumption:

Joint Width	10mm	15mm	20mm	25mm	30mm
Joint depth	8mm	8mm	10mm	12mm	15mm
Joint length/Sausage 600ml	~7.5m	~4.5m	~2.5m	~1.6m	~1.3m

*Actual norms depend on the Joint size/gap

Application guide

SUBSTRATE PREPARATION

- The surface must be clean, dry, solid, free from oils and grease, impurities. Dust and loose or friable particles, Cement must be removed.
- The metal surface must be dry, clean and free from rust.

APPLICATION

- After substrate prepare, insert Backing Rod to required depth. Insert Sausage **Weberseal PU** in Caulking Gun, cut the nozzle 45° at the desired the corresponding output size of the glue and firmly extrude **Weberseal PU** into joint making sure that it is full contact with the side of the joint and avoiding air entrapment.
- Masking tape must be used where sharp exact joint lines or exceptionally neat lines are required. Remove the tape whilst the sealant is still soft.

CLEANING TOOLS

- Clean all tool or equipment by detergent suitable immediately after use. Hardened / cured material can only be mechanically removed.

APPLICATION NOTE

- Do not apply **Weberseal PU** on bitumen surface, natural rubber, rubber EPDM or on the material that can drain oil, soft material or solvent may damage the sealant.
- Do not mix or exposed to solvent, detergent affected to the curing of product.
- Colour of product after curing may be change but does not affect to the technical of product.
- Do not apply Weberseal PU at places with high water pressure or exposed with water regularly

HEALTH SAFETY INFORMATION

- Avoid direct contact with skin and eyes. If product gets in eyes, immediately rinse eyes with clean water, then seek medical attention.
- Keep out of reach of children
- Users should refer to the information and recommendations regarding the safe use, storage and disposal of products of the chemical group in the latest technical safety documents on physical, chemical, toxicological, ecology and related safety criteria.
- Ecology: Do not disposal into water.
- Waste disposal: According to local law.

Disclaimer:

The information related to Weber products is provided and recommended based on our knowledge and experience under properly stored, tested and used conditions under standard conditions. In practical applications, due to differences in materials, aggregates and actual site conditions, we do not guarantee the products will be suitable for any specific purpose, nor any legal binding on information, recommendations or advice from us. Users need to consult the latest documentation provided by us as well as check the product's suitability for the desired construction purpose.