

VexSeal PU30

Weather Resistance Polyurethane Construction Joint Sealant

Description

VexSeal PU30 is moisture curable single-component polyurethane sealant with excellent UV resistance.

Uses

Suitable for use on:

- Sealing of Concrete external walls joints
- Sealing of artificial panel joint.
- Sealing of joint between gusset plate and cement external wall.

Technical Data

Property	Test Std	Result
Appearance	/	White, Grey, or Black
Density	GB/T 13477.2	1.28
Tack free time (hr)	GB/T 13477.5	2
Curing speed (mm/d)	HG/T 4363	2.2
Volatile contents (%)	GB/T 2793	2
Hardness (Shore A)	GB/T 531.1	30
Tensile strength (MPa)	GB/T 528	1.2
Elastic recovery rate (%)	GB/T 13477.17	80
Elongation at break (%)	GB/T 528	600

Advantages

- Weather resistance, durable, non-powdering and non-cracking.
- One-component, excellent extrusion, non-sag, easy construction.
- Low modulus, 25L.M. high movement-resistant
- good sealing and flexible performance.
- No corrosion and pollution to base materials and environment friendly.
- Good bonding with cement and stone



Application Notes

The following is a summary of critical applications points, for a detailed application description refer to the relevant product Method Statement.

Tools and Equipment

Vexseal PU30 should be dispensed using a caulking gun.

Application

- Remove dust, oil and water from the surface of substrates.
- Tack free time and curing speed of polyurethane sealant influenced by environment temperature and humidity. Construction environment temperature: 5-35°C, humidity: 50 ± 5%RH

Limitations of Use

Not recommended for:

- Use in chlorinated water environments (e.g., swimming pools, spas)
- Polyethylene (PE), polypropylene (PP), polycarbonate (PC), acrylic (PMMA), PTFE, soft plastics, neoprene, or bituminous surfaces
- Constant immersion in salt water
- Glazing applications
- Cement-based substrates are less than 28 days old
- Application at temperatures below 5°C or above 35°C



- Exposure to water or alcohol before full cure
- Overcoating with water, oil and rubber-based paints, compatibility and adhesion testing is essential
- Maximum depth of sealant must not exceed 15mm; minimum depth is 8mm
- Maximum expansion and contraction should not exceed $\pm 25\%$ of average joint width.

Product Codes

Colour	Size
White	600ml
Grey	600ml
Black	600ml

Estimated Consumption

Joint Size (DxW)	10 x 8 mm	15 x 8 mm	20 x 10 mm	25 x 12 mm
600ml Sausage	7m	4m	2.5m	1.5m

Safety

- Keep away from children
- Avoid contacting with skin and eye. For skin contacted, remove the sealant by cloth, wash skin thoroughly soaps and water.
- For eye contact, hold eyelids apart and flush thoroughly with water, contact physician.

