

PU-40

Joints sealant

Product Description

PU 40 is a high-modulus, thixotropic, permanent elastic, cold applied and cold curing, ms sealant used for caulking and joint sealing.

Applications

Used in automobiles, buses, elevators, ships, containers, tunnels, rail transit, waterproof dams, nuclear power plants, airport runways, houses, elevated, anti-smashing walls, etc., suitable for high-strength structural bonding and sealing. Suitable substrates include aluminum-plastic panels, marble, wood, concrete, PVC injection molded parts, glass, fiberglass, steel, stainless steel, and aluminum alloys (including painted).

Advantages

1. Good wear-resistance, with a wide range of flexible bonding and durability, primer is not required;
2. UV resistant, anti-aging and weathering resistance, flooding resistant and mould resistant;
3. Provides excellent adhesion to most construction materials;
4. For specific requirements, we can provide relevant products and advice;
5. Versatile solution for sealing joints, facades, and various substrates, suitable for application on compatible porous and non-porous surfaces.

PROPERTY	PU-40
Appearance	White,Grey,Black
Density (g/cm ³)	1.60±0.50
Tack Free Time (min)	15~60
Curing Speed (mm/d)	≥3.0
Elongation at break(%)	≥350%
Hardness (Shore A)	45~55
Tensile strength(MPa)	≥1.6
Viscosity	7~8
Peel adhesion	More than 90% cohesive failure
Service Temperature (°C)	-40~+90 °C
Shelf Life (Month)	18

Storage Notice

1. Sealed and stored in cool and dry place.
2. It is suggested to be stored at 5~25 °C, and the humidity is less than 50%RH.
3. If the temperature is higher than 40 °C or the humidity is more than 80%RH, the shelf life may be shorter.

Packing

300ml Tube
600ml Sausage
55 Gallon (280kg barrel)

Operation

Clean before operation

The bonding surface should be clean, dry and free from grease and dust. If the surface is easily peeled off, it should be removed with a metal brush beforehand. If necessary, the surface can be wiped with an organic solvent such as acetone.

Direction of operation

Tool: Manual or pneumatic plunger caulking gun

For cartridge

1. Cut nozzle to give the required angle and bead size
2. Pierce the membrane at the top of the cartridge and screw on the nozzle

Place the cartridge in an applicator gun and squeeze the trigger with equal strength

For sausage

1. Clip the end of the sausage and place in barrel gun
2. Screw end cap and nozzle on to barrel gun
3. Using the trigger extrude the sealant with equal strength

Attention of operation

- The temperature is lower than 10 ° C or the dispensing speed is less than the process requirement, the adhesive is recommended to be baked in an oven at 40 ° C ~ 60 ° C for 1 h ~ 3 h.
- When the bonding parts are heavy, apply the auxiliary tools (tape, positioning block, bandage, etc.) after the sizing installation.
- The best construction environment: temperature 15 ° C ~ 30 ° C, relative humidity 40% ~ 65% RH.
- In order to ensure a good adhesive sealing effect and compatibility of the product with the substrate, the actual substrate should be tested in the corresponding environment in advance. Wear suitable protective clothing, gloves and eye/face Protection. After contact with skin, wash immediately with plenty of water and soap. In case of accident or if you feel unwell, seek medical advice immediately

Warranty and Liability

All product properties and application details based on information are ensured to be reliable and accurate. But you still need to test its property and safety before application. All advices we supply can't be applied in any circumstances.

CHEMPU don't make assurance of any other applications outside the specification until CHEMPU supply a special written guarantee.

CHEMPU is only responsible to replace or refund if this product is defective within the warranty period stated above.

CHEMPU makes it clear that will not take responsible for any accidents.