

Technical Data

PU45 High Strength Adhesive & Sealant



Description:

PU 45 is a moisture curing single component adhesive sealant with the following characteristics:-

- Permanent Flexibility
- Low Odour
- Non-Slump or Sag
- Fast Curing

Applications:

PU 45 has excellent adhesion to most surfaces including aluminium, steel, plastics, wood, concrete, GRP composites etc. and is used to seal and bond aluminium and steel sheets, vehicle bodywork, boat structures and ships, plastic and metal window and door frames.

PU 45 is resistant to most automotive fluids such as diesel fuel, oils, anti freeze and alkalis as well as water and steam. Unlike silicone sealants PU45 is overpaintable.

Technical Data:

Colour Black, White or Grey

Application Temp. 5°C. to 35°C.

Viscosity Pasty

Density 1.23 g/cm³

Skin Time 45 - 60 minutes

Cure 24 Hours per 3mm

Hardness (Shore A) 45

Tensile Strength 2 N/mm²

Elongation > 400%

Temperature Resistance up to 140°C

How To Use :

PU 45 is easy to use. They fit conventional manual and air powered guns. To open, simply break the base seal and pull off. Break seal over nozzle end, screw nozzle in place and cut to size. Some simple surface preparation is always necessary, such as removing dirt, grit, rust etc. When applying avoid air pockets, which will provide areas of weakness in the cured adhesive/sealant. Once gunned, the adhesive surface can be smoothed by using soapy water. It is best to use cartridges within 24 hours of opening.

Storage :

Store in a cool area out of direct sunlight. Shelf Life - 6 months at 20°C.

Health and Safety :

Skin contact

May cause irritation with prolonged contact.

Eye contact

Wash out with water. It may cause irritation but is not likely to cause permanent damage.

Inhalation

In rare cases, some individuals are sensitive giving rise to asthma due to traces of isocyanates during cure only.

Pack Size - 310ml aluminium Cartridge

Whilst all reasonable care is taken in compiling technical data on the company's products, all recommendations or suggestions regarding the use of such products are made without guarantee since the conditions of use are beyond the control of the company.

It is the customer's responsibility to satisfy himself that each product is fit for the purpose for which he intends to use it, and that the actual conditions of use are suitable

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