

Product Description

Bondchem PU40FC is a single component polyurethane based elastomeric sealant designed to create a high elasticity joint that has excellent fatigue and chemical resistance. This grade meets SNJF standard on adonized aluminium and mortar in category 25E. This product also carries CE marking for the following applications:-

- Sealant for facade elements for interior and exterior applications usable in cold climate according to European Standard EN 15651-1 (F EXT-INT CC).
- Sealant for pedestrian walkways for interior and exterior applications usable in cold climate according to European Standard EN 15651-4 (F EXT-INT CC).

Once cured, the **PU40FC** has high cohesive strength, high elongation and good environmental and shock resistance.

Typical Applications

Bondchem PU40FC is used widely as a flexible and tough adhesive in the composite and transportation market sectors. The sealant adheres without primer on a wide variety of substrates including Wood, Adonized Aluminium, Polyester, Glass, Concrete, Clay, Stone and even ceramic tiles. Some typical uses of the **PU40FC** are:

- Bonding stiffeners to GRP.
- Bonding automotive trim.
- Bonding composite panels in bus and coach construction.

Instructions For Use

1. Always consult MSDS before using **PU40FC** for the first time.
2. Carry out surface preparation where required.*
3. Remove cap, and attach nozzle.

4. Apply adhesive onto surface and assemble.
5. Allow the adhesive sufficient time to achieve handling strength before moving component.

*(See Bondchem guide to bonding for full information and in depth usage instructions)

Properties of Uncured Material

Resin	Polyurethane
Colour	Black
Sagging (ISO 7390)	<3mm

Performance of Cured Material

Shore Hardness	40 Shore A (ISO 868)
Elongation at Break	>400% (ISO 8339)
Temperature Range	-40°C to 80°C
UV Resistance	Good
Chemical Resistance	Good

Packaging

Bondchem PU40 FC is available in 310ml cartridges and 600ml sausages.

Storage & Shelflife

Bondchem PU40FC should be stored in a cool dry area, out of direct sunlight. Stored correctly, this grade can offer a 12 month shelf life from manufacture.

Health and Safety in Use

Bondchem PU40FC is a polyurethane adhesive and should not be used without consulting the MSDS, which contains full information regarding the use of this product, including Transport, Disposal, Toxicological, Exposure Controls, Accidental Release and First Aid measures essential to the safe use of this product.