

Technical Data Sheet

Date: 02-January-2025
Product Code: FL2006

Final Systems Adhesive Sealant

Description – Characteristics

Final Systems PU Adhesive is a single component, quick curing high modulus polyurethane adhesive sealant for caulking, bonding and waterproofing uses.

Final Systems PU Adhesive is a non-sag multi-purpose one-part moisture-curing polyurethane sealant that turns into a flexible, durable and resistant elastomeric seam and has a very good adhesion to most industry materials.

Uses

Final System PU Adhesive has been specially formulated with a very short skin formation time and a very high cure rate. It is particularly recommended for bonding various materials in the general industry, but can also be used for classic waterproofing seams.

Final Systems PU Adhesive has a high elasticity, an excellent tear, and vibration and weathering resistance. Easy to apply, it adheres without primer to the most common substrates, such as glass, anodized aluminum, lacquered metal, wood, GRP and concrete.

Technical Data

Colour	White, Grey, Black
Density	1.18 ± 0.05 – black: 1.15 ± 0.05
Consistency	Pasty
Sagging	Nil (ISO 7390)
Cleaner	688/1 before curing
Skin formation at 23°C and 50% RH	≈ 60 minutes
Cure rate at 23°C and 50% RH	4mm per 24 hours
Shore A hardness	~ 50 ISO 868 (3 sec.)
Temperature Resistance	-40°C to + 90°C
Modulus	0.6MPa at 100% elongation according to ISO 8339
Elongation at break	≥ 80% according to ISO 8339
Application temperature	+ 5 °C to + 35 °C
Resistance to dilute acids and bases	Average
Resistance to usual solvents and hydrocarbons	Average



Resistance to UV radiation	Good
Water and salt spray resistance	Excellent

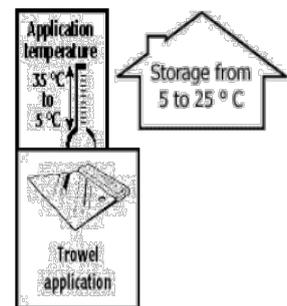
Instructions For Use

Substrates preparation:

The substrates must be clean, even, dry, and free of dust, grease and any contaminating agents that could harm bonding. If they have to be cleaned up, use alcohol solvents or MEK in complying with local regulations. Check the compatibility of the solvents with the substrates. Sand metallic surfaces if necessary wipe again and let dry. It is recommended to clean concrete with a metallic brush, and to degrease PVC, glass and aluminium with a non-greasy solvent such as acetone.

Application:

Final Systems PU Adhesive shall be applied with a manual or pneumatic caulking gun on dry, clean and free of grease substrates edges and smoothed with a damp plastering knife or sealing stick. Do not apply the sealant below +5°C. In case of application by cold weather, store the cartridges or sausages at 20°C before use. All traces of oil, grease and loose paints or coatings must be systematically removed beforehand.



Cleaning:

Tools can be cleaned with xylene or toluene before curing. After cure, mechanical cleaning is required.

Compatibility:

Water based paints: Yes
Solvent-based paints: Yes

Coverage:

Nozzle \varnothing (mm)	2	3	4	5	6	7	8	9	10	
Bead length (m)		98	43	24	15	11	8	6	4	3

A higher quantity may be required on very porous substrates.

Packaging:

310ml cartridges.

Storage and Shelf Life:

Shelf life: 12 months in hermetically sealed original packaging.
Storage temperature: Between +5°C and +25°C.

Precautions for Use:

Before using the product, read the material safety data sheet.
In order to develop its full mechanical properties, the product must be applied at a temperature between +5°C and +35°C.
It must be applied on clean, dry, and free from oil, grease or dust substrates.

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