



501



501 Single –Part Polyurethane Sealant

PU 501 is a single-part , gun & pour grade, moisture curing low modulus polyurethane sealant, which cures at room temperature (75F) to an environmentally safe, tough, flexible sealant. PU 501 has the properties of the conventional 2 – part system, but ease of use, makes this a very popular professional grade product. PU 501 is intended for use where a tough but flexible seal is required such as; Automotive repairs & manufacture, boat & yacht building, window & door frames, ducting systems, and ideal for use when a seal is required between two dissimilar surfaces, PU 501 Shows extreme bonding properties with a movement capability of +/- 25%

Physical Properties PU 501

Color:

White, gray, beige, black (other colors – see chart)

Specific Gravity:

1:1.15

Consistency:

Non slump (ASTM C639-5)

Skin Forming Time:

90 – 120 minutes @75F (50% RH)

Tensile Strength:

250 psi. (4Mpa) ASTM D412

Ultimate Elongation:

1000%

Elasticity Modulus (@ 100% elongation)

48 psi (0.8Mpa)

Hardness Shore “A”

20 – 25 ASTM C661

Temperature Resistance:

-40F to 200F

Surface Preparation:

All joints should be thoroughly cleaned, and any foreign matter blown out. All old caulk or sealant should be removed. Care should be taken to remove any surface alkaline deposits from cement or concrete. This may be done using an ammonia/water solution. Clean all glass or aluminium surfaces with a mineral spirit or a mild solvent prior to applying the sealant.

Joint Design:

The width must be a minimum of 4 times the expected movement. The minimum width should be ¼” to a maximum of 3/8”. For joints deeper than 3/8”, a suitable backer rod should be used, in accordance with good engineering practices.

Application:

Apply in one continuous operating movement. Any tooling should be carried out prior to skin formation

Product Warranty:

All products shown to be defective in manufacture, will be replaced free of charge. Since the use of these products is beyond the manufacturer’s control, we can not assume any risk or liability for results obtained, nor can we accept damages in excess of the purchase price of the product.

Packing:

300ml/Cartridge; 5kg per can

Shelf Life:

12 Months