



ShieldSeal PU-205

Polyurethane Sealant Material for Flat Surface

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Product Description

ShieldSeal PU-205F polyurethane sealant material is a two component and low modulus product which cures to form the permanent elastic adhesive property.

This product can be applied to the materials such as metal, plastics, concrete and stone, normally been used to the building industry with excellent result.

Features

- ✓ Excellent adhesion: suitable for concrete, aluminium, and steel etc.
- ✓ Excellent elasticity: sealant for the expansion joints of concrete.
- ✓ Excellent weather resistance and durability: aging resistance to Ultraviolet light exposure.

Usages

- ✓ Sealant of expansion joint for roads, bridges, and airport areas etc.
- ✓ Sealant of expansion joints for the building.
- ✓ Sealant of precast building, automobile parts, containers, ships, and window frames of cottages.

Properties

Material Name	PU-205F Grey / PU-205FH
Mixing Ratio by Weight	3 : 1
Pot Life	2~3 hours
Curing Time	24 hours
Heat Aging Variation by Weight	1.80%
Heat Aging Variation by Volume	0.8%
Hardness	15~25 A
Bond to Concrete	No peeling
Tensile Strength	10kg / cm ² or above
Elongation	400% or above

Packaging

- 20 kg / set
- PU-205F = 15 kg
- PU-205FH = 5 kg
- PU-205F, PU-205FH has a maximum shelf-life of 6 months in the un-opened containers.

DISCLAIMER

The information provided herein, especially recommendations for the usage and the application of our products, is based upon our knowledge and experience. Due to different materials and equipment used, as well as varying working conditions and environments beyond our control we strictly recommend carrying out intensive trials to test the suitability of our products regarding the required processes and applications. This data sheet is provided free of charge, and we do not accept any liability regarding the above information or regarding any verbal recommendation, except for cases where we are liable of gross negligence or false intention.