

DESCRIPTION

Pentafloor Pedestal Adhesive is a two component, flow grade urethane-based compound specifically designed for the adhesion of raised access floor pedestals to a sub-screed of various compounds.

FEATURES

- Non flammable
- 100% solids, no shrinkage
- Excellent gap-filling properties
- Designed for low temperature use - will not embrittle at -40 Degrees Celsius
- Heat resistant to 150 Degrees Celsius
- Safe for use with mechanical applicator equipment
- High shear strength in excess of 80 kp/cm² at 25 Degrees Celsius
- Excellent water resistance when cured
- Good flow characteristics
- Fast cure time around 20 minutes at 25 Degrees Celsius

USES

Pentafloor Pedestal Adhesive is specifically designed for adhesion to the following substrates:

Expanded polystyrene, PIC and polyurethane foam, wood, galvanised iron, masonry, concrete and brick in flooring applications.

Please note:

When bonding galvanised iron and GRP ensure that any wax on the surface be first removed through the use of a degreaser / cleaner.

APPLICATION

Ensure that surfaces are completely clean.

Mix all of part B into part A, stirring until colour is uniform. Use product within fifteen minutes.

DO NOT DILUTE.

Apply the mix using a serrated trowel, glue roller or airless spray equipment.

Apply one side only; for a suitable coating thickness, a coat rate of 2 - 3m²/l is necessary. Clamp surfaces together within 20 minutes. Surfaces may be safely sanded within 24 hours.

SPECIFICATIONS

Base	:	Cold curing Polyol - MDI reaction mixture
Solvent	:	None, solvent-free
Number of components	:	2
Mixing ratio	:	Part A + Part B 6,5 + 1 by weight 4,6 + 1 by volume
Pot life at 200 Degrees Celsius	:	15 - 20 minutes at 50% R.H.
Colour	:	Grey when mixed
Mass per litre	:	Part A : 1,70kg Part B : 1,22kg Combined : 1,6kg
Consistency	:	Free flowing syrup (approx. 9000 cps)
Cleanup	:	Solvent general purpose cleaner while uncured
Shear strength at 25 Degrees Celsius after 24-hour cure	:	In excess of 80 kp/cm ² (substrate failure)
Shear strength at 0 Degrees Celsius	:	

after 24-hour cure	:	In excess of 80 kp/cm ² (substrate failure)
Low temperature embrittlement	:	No effect at -45oC
Exothermic temperature peak (100g sample)	:	40 Degrees Celsius
Minimum cure temperature	:	5 Degrees Celsius
Water resistance after cure	:	Excellent
Full cure at 25 Degrees Celsius (100g SAMPLE)	:	7 days

GENERAL

Application temperature limits	:	+5 to +50 Degrees Celsius
Service temperature limits	:	-40 to +150 Degrees Celsius
Storage temperature limits	:	+15 to +35 Degrees Celsius
Shelf life	:	Part A: 12 months Part B: maximum 6 months in unopened containers
Packing	:	Part A : 5 Kg, 30 Kg, 260 Kg Part B : 1 kg, 6 Kg, 40 Kg
Shipping classifications	:	Non-combustible, non hazardous

LIMITATIONS

1. Prolonged contact with Part B may cause dermatitis. WEAR RUBBER GLOVES DURING USE.
2. Do not use at temperatures below 5 Degrees Celsius. Curing times are greatly extended below 10 Degrees Celsius.
3. Protect from freezing. Should part B crystallize, warm gently in a can of hot water before use.
4. Eye splashing must be rinsed immediately with water.

READ SAFETY DATA SHEET BEFORE USE

The information contained in this technical data sheet is to the best of our knowledge correct. **NO GUARANTEE IS EXPRESSED OR IMPLIED.** Users must satisfy themselves as to the efficacy of the product in their application.