

Product Description

Uretech PA1 Ultra is a single component, moisture curing, adhesive that contains zero VOC's, solvents, phthalates, halogens and phosphates. Specially formulated for fixing pedestals used in access flooring, Uretech PA1 Ultra has excellent adhesion to concrete and other surfaces/materials likely to be used in the access flooring industry. Uretech PA1 Ultra passes the T15 (horizontal load) & T42 (swing bag) tests after just 24 hours.

Typical Applications

Uretech PA1 Ultra is particularly suited to use in the bonding of metal pedestals to concrete floors. It is flexible and does not foam excessively during application giving a more solid feel than products that need to foam in order to gap-fill. Uretech PA1 Ultra can be used on substrates between -5°C and 35°C but should not be applied to damp or frosty surfaces. Full cure may take up to one week in cold temperatures.

Installation

Uretech PA1 Ultra needs no mixing or stirring and can be spread using a knife, squeegee or, more often, by dipping the pedestal into the mix. The rheology of the product is designed to allow the correct amount, for a relatively flat floor, to be held on the pedestal when used in this manner. The material remains in a mobile, liquid form for approximately 4-5 hours, after which the material sets into a soft solid, getting progressively harder over a period of a few days. In ideal conditions pedestals can be subjected to the standard sand-bag test after 24 hours at 23°C. Full cure will take longer in cold temperatures. Tubs can be re-sealed and any skin formed should be removed. Product under the skin will be perfectly fit for use.

Packaging

Uretech PA1 Ultra is supplied as a 9kg unit in a metal pail.

Handling & storage

Uretech PA1 Ultra is classified as harmful by inhalation but is not classed as hazardous for transportation. Good standards of industrial hygiene should be observed when handling the material. The use of protective gloves and tight fitting goggles are highly recommended. The recommendations made in the Health and Safety data sheet for this product should be observed at all times. Uretech PA1 Ultra contains 4,4'-diphenylmethanediisocyanate and the advice contained in the Safety Data Sheet is of particular importance. Store in the original, unopened container at a temperature between 5°C and 25°C.

Technical information

Viscosity @ 25°C (cps)	50,000 _{max} (Stirred)
Specific Gravity	1.3 to 1.4
Colour	Blue/Grey
Solids	100%
Flash point	>200 (closed cup)
Volatility	0.00001mbar (Zero VOCs)

Disposal

The condition of this product will determine the required method of disposal. Used containers with fully cured product remaining around the edges or bottom of the container should have the hazard label removed or obscured before disposal as general building waste. Uncured/Liquid product should be disposed of as hazardous waste.

Coverage

When used correctly a typical rate of 200 to 220 pedestals per 9.000kg Unit should be expected. (Please note that coverage rate may vary with different substrates and application methods).

Order detail

The order reference for Uretech PA1 Ultra is PA1-9.0-00-7. A Full pallet consists of 100 x 9kg units.

Related documentation

- ▶ Uretech PA1 Ultra Safety Data Sheet (GHS)
- ▶ Uretech PA1 Ultra Method Statement
- ▶ Uretech PA1 Ultra and BREEAM Certification
- ▶ Uretech PA1 Ultra and LEED Compliance
- ▶ Technical Bulletin – Disposal of packaging
- ▶ Technical Bulletin – Isocyanates & VOC's

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