

# PENTENS PU-825

## Product Data Sheet

Pigmented, Anti-Stain Waterproofing Paint

### Description

PENTENS PU-825 anti-stain waterproofing paint is a pigmented type of PU-820, suitable to be used for natural stones, external walls, tiles, brickworks and concrete structure as protective coatings. It is also suitable to be used on the surface of waterproofing materials as a finishing.

### Uses

Areas of application include:

- Natural stones
- External walls
- Tiles
- Brickworks
- Floor slabs
- New and old concrete structure protective coatings
- The surface of waterproofing materials as a finishing

### Advantages

- Good adhesion
- Dust-proof
- Durable excellent abrasion resistance for light traffic
- Excellent weather-resistance
- Fast-drying
- Excellent toughness
- Low viscosity
- Good penetration
- Non-yellowing
- Waterproofing
- Not easy to be tainted
- Chemical resistance
- Service temperature (5°C ~ 50°C)

### Technical & Physical Data

Form	Liquid
Color	Grey (other colors made to order)
Finish	Gloss
Density (CNS 6986, CNS 6988)	0.9kg/ liter
Thickness	0.05mm DFT
Theoretical Coverage	0.15kg/m <sup>2</sup>
Drying Time	
Touch Dry:	45 minutes
Topcoat:	2 hours
Chemical Resistance (10% HCOOH, 60°C, 24hrs)	No changes on the surface of the sample
Shelf Life	1 year when unopened and undamaged
Storage Condition	Store in a dry, cool place
Packaging	10kg/ pail 20kg/ pail

### Important Notes

1. Minimum ambient and substrate temperature is 5°C.
2. Apply only to clean and sound substrates which should be free from water and leakages.

## Instruction for Use

### Surface Preparation

Substrate must be dry and clean. Application temperature should be 5°C ~ 45°C. The material should not be contacted with water.

### Application

PENTENS PU-825 can be applied by brush, roller and airless spray equipment. For optimum results, airless spray is recommended. When applied by airless spray equipment, the saturated point has to be achieved.

PENTENS PU-825 has to be stay temporarily several seconds as a liquid type membrane on the substrate. After curing, a thin film would be achieved on the substrate, if the application has not been made uniformly, one more coat is necessary. Do not apply PENTENS PU-825 on non-absorbent surfaces like glass, wood, plastic and metallic substrates.

### Cleaning

If the thin film is occurred on non-absorbent surfaces mentioned above, immediately remove by using thinner, cleanser or ethanol. Tools and equipment can be easily cleaned with thinner immediately after use.

### Safety

Impervious gloves and barrier cream should be used when handling these products. Eye protection should be worn. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice if symptoms persist. If contact with skin occurs, it must be removed before curing takes place. Wash off with an industrial skin cleanser followed by plenty of soap and water. Do not use solvent. Ensure adequate ventilation when using these products.

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