

UVR Polyaspartic Waterproof Sealer-PW800

Product Introduction

PW-800 Waterproof Tile Sealer/Coat consists of Polyaspartic resin, non-yellowing weather resistant isocyanate and additives.

Product Features

■ Super weather resistance, non yellowing

■ Ultra clear, improve the gloss of the old tile and can pigmented

■ Environmental protection, odorless, zero formaldehyde

■ Good adhesion to tiles and concrete

■ Excellent impact resistance and elongation at break

■ Simple construction and quick drying

■ Anti-slip

Application

■Waterproof repair of the ceramic tile/marble/granite/ natural stone surface of the kitchen and toilet.

■Waterproof construction for concrete or tile base, especially waterproof repair for exterior wall.

Technical Data

Item	Technical Data
Solid content by weight	≥95±2% (Part A and Part B mixed)
Tensile strength（MPa）	10MPa (400-600um)
Break elongation（%）	≥200%
Tear strength（kN/m）	≥40

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POLYASPARTIC COATING PIONEER



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hardness（Shore A）	≥70
Adhesion to primer（MPa）	≥4MPa
Abrasion resistance（750g/500r）/ug	≤20
Salt resistance 240h（3%NaCl）	Perfect film, no bubble
Alkali resistance 240h（5%NaOH solution）	Perfect film, no bubble
Acid resistance 240h（5%H_2SO_4）	Perfect film, no bubble
Waterproof property 30 days(25℃)	Perfect film, no bubble

Physical Parameters

Item	Technical Data	
Color	Clear transparent (color can be formulated)	
Flash point	90±2℃	
Viscosity	700-1000CPS(25℃,Part A and Part B mixed）	
Density	Clear coat 1.03±0.03g/cm^3； Pigmented 1.1±0.05g/cm^3	
Gloss	Semi - gloss	
Film thickness	Dry film：200－300 um	Wet film：200－300μm
Theoretical Value	9.0 sq.m/Kg/100μm	
Actual value	related to surface treatment, outside environment, application method and variety of factors.	

Construction Parameters

Blend ratio

Brush or scrape： Part A：Part B：Diluent＝1：1 by weight，mix it thoroughly before applying.



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Application time

Temperature(℃）	5	10	20	25
Pot life after mixing(mins)	40-50	30-40	20-30	15-20

Application Conditions

Ambient temperature： 5℃-30℃， **Ambient moisture：**≤85%

Substrate temperature： 3℃ higher than dew point

Application method： Brushing /Rolling /Spraying

Airless spray（2 components）	Recommend
Spray nozzle size	0.19－0.23
Exit pressure	100－120kg.cm3

Cleaning agent： Standard Polyaspartic diluent

remark： if use air spray or brush and roller , please consult our engineer prior to application

Drying time and recoat interval

Temperature(℃）	5	10	20	30
Touch dry(hrs)	3.5	3	2.5	2
Finger press dry(hrs)	15	12	10	8
Recoat window(hrs)	12	10	8	6

Statistics above is only for guidance, actual drying time and recoat window could be changeable, depends on film thickness, ventilation, humidity, undercoat, loading demand and mechanical strength.

Surface Treatment

- Wash away salt and other water-soluble pollutants with clear water
- Use proper detergent and degreaser to remove grease
- Confirm that the surface is clean and dry before construction
- Pay attention to the painting interval with primer during construction Storage Condition



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Storage Condition

Shelf life：

Part A：12 months　　Part B: 12 months

Storage temperature：　0℃—30℃

Packaging Specification

Part A：0.5KG　　Part B：0.5KG

Security Measures

- Avoid touching skin or eyes
- In case of skin contact, wash affected area with moderate cleaning agent. In case of eye contact, wash with plenty of water and go to hospital immediately.
- Ensure good ventilation
- Coating contains flammable matter. Keep it away from spark and smoking around construction area is forbidden
- Please observe all health safety regulation

Statement

The information in product specification is totally base on our acknowledge in lab and practice. Because the usage of product usually is out of our control, we only provide assurance of our product quality. We reserve the rights of modifying this specification without prior notice.