



Nantong YuRu Engineering Material Co., Ltd.

One component waterborne polyurethane waterproof materials

1. Product introduction

Single component waterborne polyurethane waterproof coating belongs to the chemical reaction type material, made of polymer and asphalt materials through special process, can dissolve in water compound waterproof material, coating material scraping and waterproof engineering base through the air and UV light curing a rubber like elastic coating, good waterproof material film, anti aging performance can be better

2. Advantages

After the formation of the film without joints, the integrity of the elastic waterproof layer, strong bonding strength, weathering and anti-aging properties, single group to overcome the construction of the two groups of the allocation ratio and mixing process errors, is the ideal material for construction

3. Application Range

For the roof, gutter, parapet, toilet, underground engineering waterproof engineering, Luqiao

4. Key points of construction

◇The base structure, the surface must be clean and dry, the indentation must repair the flat, grass roots no delamination running sand phenomenon

◇Construction according to the design requirements to determine the number of scraping coating, each coating should not be more than 0.8mm, such as a scratch too thick will affect the curing performance

◇If the base surface of impulsive shall render, first paint can add a small amount of water dilution, a scraping does not exceed 0.3mm thick, not diluted with solvent material, solvent materials will affect the environmental and safety issues, and will increase the cost of the project

If the wall inside to paste powder cement tile, sprinkle 1-2mm sand scraping is not solidified in the final coating, helps increase the bond strength

◇In accordance with the requirements of the project can be laid to increase the intensity of non-woven fabric or fiber cloth, but must be laid flat, no bubble convex phenomenon

◇Pay attention to the construction of the weather conditions must be mastered within 8 hours after the construction does not rain

5. Matters need attention

◇Material is strictly prohibited long-term high temperature exposure, open the barrel after the material must be sealed to save

◇If there is precipitation, as long as the up and down after mixing can be used, does not affect the quality of

6. Data base

	项目	指标
1	拉伸强度, MPa \geq Tensile strength/MPa	1.0
2	断裂延伸率, % \geq Elongation at break/%	300
3	低温柔性, $^{\circ}\text{C}$ Low temperature flexibility	-10 $^{\circ}\text{C}$
4	不透水性0.3MPa, 0.5h Water impermeability	不透水 Impervious
5	表干, h \leq Surface drying time/h	4
6	实干, h \leq Fully drying time/h	8

7. Storage and transportation

- ◇This product is a water material, non flammable, safe transportation.
- ◇Stored in a dry and ventilated place, do not open the sun and rain

8.Reference Dosage

For each millimeter thick film,coating dosage weight is about 2.8kg/m²

9.Shelf life

12 months

