



# SUPolyurea Super Polyurea Waterproof Coating

Spray Type, MAX



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# ● SUPolyurea Super Polyurea Waterproof Coating

Spray Type, MAX



## ● Typical application



Roofing waterproofing



Water conservancy facilities

## ● Product overview

- SUPolyurea Super Polyurea Waterproof Coating (Spray Type, MAX) is the latest development of the third generation polyurea elastomer by Joaboa Tech Group. It completely meets the requirement of GB/T 23446-2009 Spray Polyurea Waterproofing Materials.
- The product is constructed by Special Spraying equipment of GRACO Company. The coating can be cured instantly and quickly to form elastic waterproofing coating with high strength, high elongation and no seams. It can be widely used for waterproofing of large building structures, chemical infrastructure, hydraulic engineering, especially those exposed to corrosive chemical water.

## ● Performance

Item	Type I	Type II
Soluble content, %	99	99
Gelation time, s	20	20
Surface dry time, s	40	40
Tensile Strength, MPa	18	22
Elongation at break, %	275	510
Tear strength, N/mm	66	70
Low temperature flexibility, °C	-35	-40
Impermeability, 0.4MPa, 2hs	Impermeable	Impermeable
Bonding strength, MPa	2.5	3.5
Water absorption, %	2.5	2.5
Hardness Shore A	85-95	85-95
Abrasion resistance, 750g/500r, mg	30	25
Impact resistance, kg•m	1.0	1.0
Artificial weathering aging, 2000h	Good	Good
Density, g/cm <sup>3</sup>	1.02	1.02
Color	Can be customized according to the requirement	

**Note:** The above parameters are the physical performance of using host machine GRACO H-xp 3 and spray gun AP under laboratory conditions, and curing for 7 days. Due to the differences in site conditions, the actual measured data may be different from the above data.

- Roofing, Flooring and Building Waterproofing
- Water conservancy facilities such as DAMS, reservoirs, canals
- Sewage treatment tank, swimming pool, water park
- Wear-resistant and waterproofing for stadium stands
- Petroleum, petrochemical, chemical, mining and other industries of all kinds of concrete storage tanks and ancillary facilities
- Marine steel structure, cross-sea bridge, dike and other Marine and coastal facilities.



Water park



Chemical storage tank



Sports stadium