

Description & Features



- Enhanced corrosion resistance
- Improved waterproofing properties
- Extended working time for application
- Ideal for waterproofing in small and detailed areas



Single-component Brush-applied polyurea is derived from the modification of elastomer spray-applied polyurea. While ensuring the traditional polyurea's corrosion resistance and waterproofing properties, it significantly extends the working time, making it highly suitable for waterproofing applications in small and detailed areas.



Single-component Brush-applied is the best waterproofing material for detailed area waterproofing. Meanwhile, it is the most cost-effective polyurea waterproofing material.

Small Area Polyurea Application:



Technical Data Sheet of Polyurea for Brush-applied:

No	Item tested	index	Evaluation
1	Solid content / %	≥ 88	Qualified
2	Gel time/hour	≤ 7	Qualified
3	Surface drying time/s	≤ 12	Qualified
4	Tensile strength / MPa	≥ 8	Qualified
5	Elongation at break/%	≥ 330	Qualified
6	Tear strength / (N/mm)	≥ 55	Qualified
7	Density G/m ³	0.95 - 1.05	Qualified
8	Temperature of use	- 45°C - 120°C	Qualified
9	Shore hardness (Shore D)	≥ 40	Qualified
10	Adhesive Strength MPa	3.5(concrete), 12.5(metal)	Qualified
11	Acid resistance	10% hydrochloric acid 10% sulfuric acid	Qualified
12	Alkali resistance	30% aqueous alkali	Qualified

Polyurea in Production:

