

CCI WPC-100

High-Elastic Acrylic Waterproof Coating



Product Introduction:

CCI WPC-100 is based on excellent modified acrylic and several polymer emulsions, through processing and become a kind of one component water-based environmental polymer waterproof coating materials.

Main Features:

- Unique high elasticity, water resistance and integrity.
- High temperature resistance, low temperature resistance, anti-aging.
- Impact resistant, Anti-rust and corrosion effect.
- Strong adhesion
- Non-toxic, odorless, environment-friendly.
- Low temperature flexibility and high elasticity.
- Widely used in simple construction.

Application:

- It is used for the roof, wall, kitchen, bathroom, balcony, windows, and also the crack's waterproofing work.
- It is used for metal roofing, concrete roofing, steel roofing or any waterproofing work.

Technical Parameters

Number	Items		Standard	Result	Remarks
1	Solid Content		≥65	68	Passed
2	Tensile Strength, mPa		Without Treatment, ≥ 1.5	1.6	Passed
3	Elongation at break, %		Without Treatment, ≥ 150	185	Passed
4	Low Temperature Bonding, °C		-30°C, no cracks in 1hr, no separation from the substrate.	No cracks	Passed
5	Impermeable		Waterproof for 0.3 min	Impermeable	Passed
6	Heat Resistance		90°C, no blistering, peeling or cracking for 5 hours	No blistering, peeling or cracking	Passed
7	Heating Expansion Ratio	Elongation, %	≤1.0	1.0	Passed
		Shorten, %	≤1.0	0.9	

Storage:

- Store high elastic acrylic waterproofing coatings in a cool, dry place away from direct sunlight and extreme temperatures.
- Seal the container tightly to prevent moisture ingress and avoid freezing temperatures.
- Keep the coating away from heat sources, maintain stable humidity levels, and stack containers carefully.
- Check expiry dates and follow manufacturer's recommendations to maintain optimal performance.