

Catalysts & Additives for PU Waterproof Coating

- ◆ Solve the problems of bulge, bubble and pinhole for single and two-component waterproof coatings.
- ◆ Solve the problem of slow curing at low temperature.
- ◆ Extend the flow time but shorten the curing time.
- ◆ The catalytic activity does not decay or fail during storage.
- ◆ Eco-friendly and does not contain organic tin.



Product	Model	Characteristic	Application
PU Catalyst	WCAT-WS8	With high catalytic activity and fast drying speed, keep high activity at low temperature in winter. The catalytic activity of WS8 is better than that of T12. It can provide sufficient flow time of the material, reduce bubbles and bulges, and have a long storage period.	One-component moisture curing system
	CUCAT-PD	Eco-friendly and highly active catalyst. It has the targeted characteristic of not catalyzing the reaction of trace water with isocyanate, avoid the formation of CO ₂ , avoid the defects of tin (T12) catalyst that is extremely prone to bubbling, bulging and peeling under high temperature and high humidity construction environment.	Two-component system
	BCAT-E20	Eco-friendly organic bismuth catalyst, bismuth metal content: 20±0.5%	
	ZCAT-EZ19	Eco-friendly organic zinc catalyst, zinc metal content(%): 19±0.5, Low viscosity and easy to mix	
Anti-catalyst	NCAT-YC02	It can effectively delay the reaction rate of polyurethane active groups, so that the material has a longer low viscosity operation time; It does not participate in the growth reaction of polymer chain segments and does not affect the physical properties of materials; Good compatibility, no phase separation; It does not contain restricted substances, and its environmental application is not restricted.	General purpose functional additives
Viscosity Reducer	YRFC-11	Efficient viscosity reducing agent, with excellent powder dispersion and viscosity reducing effect, recommended for waterproof materials with high powder content, reducing viscosity, improving leveling, and not affecting material curing speed.	
Anti-settling Dispersant	YRFC-12	Efficient anti settling and anti hardening agent. It can solve the problem of coarse particles and low mesh fillers being prone to settling and hardening at the bottom of the barrel. They have the characteristics of anti settling, leveling, and viscosity reduction, and are more inclined to improve the anti settling and leveling characteristics compared to dispersed viscosity reducers.	
Rheological Agent	YRFC-RG02A	Anti-sagging agent. It is used for one-component and two-component polyurethane waterproof coating. A small amount of addition can quickly form thixotropic non-Newtonian fluid. It is used for anti sagging coating on vertical or slope surface.	
Defoamer	YRXP-07	High efficiency defoamer. It is generally used in non-aqueous solvent and solvent-free system, filler and filler free system. It has excellent foam inhibition effect, and the dosage is low.	