

## 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 pot life but shorten the curing time.



Product	Model	Characteristic	Application
PU Catalyst for one-part systems	WCAT-WS8	With high catalytic activity and fast curing 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-part moisture curing system
	WCAT-WQ01	Auxiliary curing agent. It can improve the stability of the latent curing system, improve the storage time. Used together with latent hardener.	One-part latent curing system
PU Catalyst for two-part systems	CUCAT-PD	Eco-friendly and highly active catalyst. avoiding the defects of DBTDL (T12) that is prone to bubbling, bulging and peeling, suitable for high temperature and high humidity environment. The surface and body is dried at the same time, greatly improve the material performance, improve the aging resistance, and have a longer waterproof life.	Two-part system
	CUCAT-FS01	It has the targeted characteristic of not catalyzing the reaction of trace moisture with isocyanate, avoid the formation of CO <sub>2</sub> , avoid the defects of bubbling, bulging and peeling.	
	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.	
Latent Hardener	YRLH-1106	An imine based latent hardener, commonly used as a latent curing agent for single part moisture cured polyurethane.	One-part moisture-curing
Anticatalyst	NCAT-YC02	It can effectively delay the reaction rate of polyurethane active groups, so that the material has a longer pot life; It does not affect the physical properties of materials.	General purpose
Dispersant	YRFC-11	Excellent powder dispersion and viscosity reducing effect. Used for waterproof materials with high powder content, reduce viscosity, improve leveling, and not affect material curing speed.	
	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.	
Rheological Agent	YRFC-RG02A	A small dosage of 0.1-0.2% can prevent sedimentation. With a dosage of 0.6-2% can quickly form thixotropy and used for anti sagging coating on vertical or slope surface.	
Dehydrating Agent	CUWR-WB30	Eliminate the influence of trace moisture in raw materials and reduce bubbles, bulges, hollows, pinholes and other phenomena.	
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.	