

Product Selection Guide according to PolyurethaneSystems

Produkt	®Applicable System																				Application	Description		
	2-Component Aromatic Isocyanates														1-Component (Moisture Curing)				Foam	Silicone				
	TDI				MDI										Castor Oil	Aliphatic Isocyanates	Aromatic Isocyanates						Aliphatic Isocyanates	Hot Melt
	PPG		PTMG/Polyester		MDI50/PAPI					4.4'-MDI/C-MDI							TDI	MDI						
	Diamine	Diol	Diamine	Diol	PPG		PTMG/Polyester		PPG		PTMG		Polyester											
Diamine	Diol	Diamine	Diol	Diamine	Diol	Diamine	Diol	Diamine	Diol	Diamine	Diol	Diamine	Diol											
CUCAT-DG01/DG02 *	★★		★★		★★	▲	★★	▲	★	▲	★	▲	▲	▲						▲	Rollers, Forklift Wheels, Cyclones & etc.; Room Temperature Curing Damping Glue, Elastotrack.	Short curing time, small shrinkage, non-bubbles, temperature sensitive.		
CUCAT-K6 *	★	▲	★	▲	★	▲	★	▲	★	▲	★	▲	▲	▲	▲	★				▲	PU Shoes, Coating, Soft PU, Electronic Grouting Glue.	Obviously shorten post curing times, which is similar with famous 604 catalyst.		
CUCAT-K8	★	▲	★	★	★	▲	★	▲	▲	▲	▲	▲	▲	▲	▲	▲				▲	Paints & Coatings.	Further improves hydrolysis resistance, substantially prolonging the storage period.		
CUCAT-HAA	★★	▲	★★	▲	★★	▲	★	▲	★	▲	★	▲	▲	▲		▲					Rollers, Room Temperature Curing Damping Glue, Elastotrack, Adhesives & Sealants.	Relative short pot life, insensitive to moisture, evident target catalysis property, applicable in damp weather.		
CUCAT-HAB	★	▲	★	▲	★	▲	★	▲	★	▲	★	▲	▲	▲	▲	★					Adhesives & Sealants; Electronic Grouting Glue, Crystal Drop Rubber; Paints & Coatings.	Wide applicability for various temperatures curing.		
CUCAT-V12	▲	▲	★	▲	★	▲	▲	▲	★		▲		▲			▲					Sports Venue, WPU.	Extremely low VOC content, no influence for TVOC test requirements.		
CUCAT-H	★	▲	★	▲	★	▲	★	▲	★	▲	▲	▲	▲	▲	▲	▲	▲	▲		▲	Multi-application, elastomers, soft PU, Coatings.	Appearance of CUCAT-H is colorless clear liquid that could not stain the finished products. Target catalysis property.		
CUCAT-PD	★	▲	★	▲	★	▲	★	▲	★	▲	▲	▲	▲	▲	▲	▲	▲	▲		▲	Multi-application, Water Proof Coatings, Rollers.	Insensitive to moisture, high catalytic activity.		
CUCAT-HA	★	▲	★	▲	★	▲	★	▲	▲	▲	▲	▲	▲	▲							Multi-application, Elastomers, Rollers.	Evident target catalysis property, almost no influence of moisture.		
CUCAT-HA01	★	▲	★	▲	★	▲	★	▲	★★	▲	▲	▲	▲								Spray Polyurea (Polyurethane-urea)	Relative short pot life, applicable in summer humid weather without bubbles and swell, MOCA can be used in formula because of high catalytic activity.		
CUCAT-HN	★ (DETA)	▲	★ (DETA)	▲	▲		▲								▲	▲					Transparent rollers, Paints & Coatings	Excellent balance catalysis in the system with DETA as chain extender.		
CUCAT-8	▲	▲		▲	▲	▲		▲	▲	▲		▲		▲		▲					Multi-application	Insensitive to Moisture		
CUCAT-PDAA	▲	▲		▲	▲	▲		▲	▲	▲		▲		▲		▲					Multi-application, Rollers, Forklift Wheels, Cyclones & etc. Electronic Grouting Glue, Crystal Drop Rubber.	Insensitive to Moisture		
CUCAT-RM01 *									▲	▲	▲	★		★							PU Shoes, Heel, Vamp, Scraper	Temperature insensitive, long pot life, quick curing at high temperature.		
CUCAT-HSF													▲	▲							Rollers	Long pot life, quick curing at high temperature, insensitive to moisture, small shrinkage.		
CUCAT-HS													★★		★★						Rollers, Scraper	Long pot life, quick curing at high temperature, insensitive to moisture, small shrinkage.		
CUCAT-SW02													★		★						KPU, Scraper	Temperature insensitive, long pot life, quick curing at high temperature.		
CUCAT-SW03 *													▲		★★						MDI Screen, Scraper, RIM	Temperature insensitive, long pot life, quick curing at high temperature.		
CUCAT-LCA *	▲		▲		▲		▲		▲	★	▲	★	▲	▲	▲		▲	▲			★	Non-solvent 2K PU leather, RIM	Temperature insensitive, long pot life, quick curing at high temperature. To improve tear strength and elongation, eliminate the PU leather rip off.	
CUCAT-GF01 *					▲									▲	★★						▲	Castor Oil Electronic Grouting Glue	Long pot life, quick post curing, almost no bubbles.	
SICAT-03 *					▲		▲		▲			▲		▲							★★	★★	Integral skin foam, Synthetic wood, Moulding, Silicone resin, Sealants, Coatings, RIM.	Similar catalytic activity as organic tin. To improve adhesion strength between substrates and sealants.
CUCAT-HX *																					★		Synthetic wood, Foam, Moulding.	Temperature sensitive, quick post curing with strength up, without collapse.
WCAT-WS8					▲										★★	▲	★★	★★	▲	▲			Sealant, Waterproof, Moisture curing PU for basketball court, Hot melt, Coatings.	To main high activity at low temperature (5°C), reduce bubbles.
WCAT-WS2					▲										★		▲	★	▲	▲			Waterproof, Moisture curing PU for basketball court, Hot melt, Coatings.	To main high activity at low temperature (5°C), reduce bubbles.
WCAT-WP01 *					▲										▲		▲	▲	★★	▲			Anti-yellowing sealant, Coatings.	Temperature sensitive, to main high activity at low temperature (5°C), reduce bubbles.
WCAT-WP02					▲										▲		▲	▲	★	▲			Anti-yellowing sealant, Coatings.	To main high activity at low temperature (5°C), reduce bubbles.
BCAT/ZCAT Series					▲	▲	▲	▲	▲	▲	▲	▲	▲	▲		▲					▲		Multi-application	Organic Bismuth/Zinc series catalysts.

Description: ①Meaning of Applicable System Icon: ★★ — Strong Recommended ★ — Recommended ▲ — Usable Empty — Not Recommended

(※ The applicable system recommendation is rough suggestion. It will be different performance in different formulations but same system listed above. Please test to confirm the applicability in individua formulation.)

★: Temperature Sensitive Catalysts

Product Selection Guide according to Application

Produkt	Recommended Application																					
	Rollers/Wheels/Miscellaneous	Waterproof/Floor	Damping Glue/Elastotrack	Spray Polyurea	Sports Venue/Basketball Court		Non solvent 2K PU leather	PU leather BASE	Adhesives & Sealants	Electronic Grouting Glue	Nameplate/Crystal Drop Rubber	Soft PU/Soft Cool Pillow	MDI Screen/Scraper	Shoes/Heel/Vamp/KPU	Hot Melt	TPU	MS/SPUR Sealant	Paints & Coatings	Sodium Silicate Solution	Foam	RIM	WPU
					2-component	1-component																
CUCAT-DG01/DG02	★★		★																			
CUCAT-K6	▲								★	★	★			★				★				
CUCAT-K8																		★				
CUCAT-HAA	★★		★★						★													
CUCAT-HAB									★	★	★											
CUCAT-V12					★★				▲	★	▲											★★
CUCAT-H	★								★			★		▲								
CUCAT-PD		★★	▲									▲										
CUCAT-HA	★																					
CUCAT-HA01				★★																		
CUCAT-HN	★★													★								
CUCAT-8	★								★	▲	▲											
CUCAT-PDAA	★		▲						★	★	★											
CUCAT-RM01													▲									
CUCAT-HSF	★★																					
CUCAT-HS	★★												▲									
CUCAT-SW02														★								
CUCAT-SW03													★★									★★
CUCAT-LCA							★★							★								★★
CUCAT-GF01										★★												
SICAT-03																	★★			★★	★	
CUCAT-HX																					★	
WCAT-WS8		★★			★ (Winter)	★★			★★	★					★				▲			
WCAT-WS2		★			★	★			★	▲					★				▲			
WCAT-WP01									★★										▲			
WCAT-WP02									★										▲			
CUCAT-RC10/RC11									★				▲									
CUCAT-WN																			★★			
CUCAT-WNT																			★★			
CUCAT-FS01		▲																				
CUCAT-W11					★				★										▲			▲
CUCAT-HC					★																	
CUCAT-TY01					★★																	
CUCAT-TM					★★																	
BCAT-A/B Series			▲		★			★	▲	▲	▲	▲		★				▲		▲		▲
BCAT-C Series		▲						★★	▲	▲	▲	▲		★		★		★		▲		★★
ZCAT Series		▲			★					▲	▲	▲		★				▲				
BX Series		▲			★			▲	▲	▲	▲	▲						▲				

Description: **Meaning of Icon:** ★★ — Strong Recommended ★ — Recommended ▲ — Usable (※ The applicable system recommendation is rough suggestion. It will be different performance in same application listed above. Please test to confirm the applicability in individual formulation.)