

EPOXY CURING AGENTS FOR METAL COATINGS



Product	Benefits						Applications												
	Low Viscosity	Fast return to service	Low Temperature Cure	Blush Resistance	Flexibility	Pot Life	Surface Tolerance	General Purpose	Light Duty Corrosion Resistance	Medium Duty Corrosion Resistance	Heavy Duty Corrosion Resistance	High Solid Coatings	Ultra Low Emission	Solvent Based	Wet on Wet	Chemical Resistance	Top Coat	High Temperature Applications ^a	Intumescent Coating
Ancamide® 910					++	++		+		+			+						
Ancamide® 903MAV	++				++	+							+						++
Ancamide® 2445				+							++	+							
Ancamide® 2353		+	+	+		+		+			++	+			+				
Ancamide® 2634				+	+						+			++					
Ancamide® 3015					+	+		++		+				++					
Ancamide® 3030						+		++		+		+							+
Ancamide® 3444	+			+			++			+		+							
Ancamide® 3622					+			+		++				+					
Ancamide® 2769	++		+	++	+		+			+			++						++
Ancamide® 2864	+		+	+	+			+			++	++							
Ancamine® 2280	+			++							++	+				++			
Ancamine® 2410B75		+	+	+	++			+			+			+		+	+		
Ancamine® 2167	+					+					+	+				+		++	
Ancamine® 2422				+		+					+	++				++		++	
Ancamine® 2432	+	++	+	+							+	+				++		+	
Ancamine® 2519	+									++		++					+		
Ancamine® 2609W	+	++	+	+						+			+			++			
Ancamine® 2672	+	+		+				+			+	+				++			
Ancamine® 2719	+	++	++	+				+			+		+					+	
Ancamine® 2728		+	++	++		+					+			++			+		
Ancamine® 2878	+	++	++	+							+	+							
Anquamine® 419 ¹	++	+		+	++	++			++				+				++		
Ancarez® AR555 ^{1,2}	++	+		+	++	++			++				+				++		
Epodil® LV5 ³	+				++	++	+				+	++					+		

- ++ Highly recommended
- + Recommended

Notes:

¹ Waterborne Technology
² Solid Epoxy Resin Dispersion
³ Hydrocarbon Resin

Product	Properties						
	Generic Type	Colour Max ¹ (Gardner)	Viscosity ² (mPa.s)	AHEW ³ (g/eq)	Use level ⁴ (PHR)	Gel time ⁵ @25 °C (min)	Solids (%)
Ancamide® 910	Polyamide	6	4000–7000	230	110–125	120	100
Ancamide® 903MAV	Polyamide	≤11	200–500	92	48	130	100
Ancamide® 2445	Modified Amidoamine	≤8	3000–6000	150	70–100	150	100 ⁸
Ancamide® 2353	Modified Amidoamine	≤9	2800–3500	114	60	65	100 ⁸
Ancamide® 2634	Reactive Polyamide Solution	7	1500–2000	95	50	>180	80
Ancamide® 3015	Polyamide	≤10	750–1250	340	50 w/ EEW=670	500–1000	70+/-2
Ancamide® 3030	Polyamide	10	300–600 @75°C	95	50	110–130	100
Ancamide® 3444	Modified Polyamide Adduct	10	500–1500	115	60	35–40	100 ⁸
Ancamide® 3622	Polyamide Adduct	10	4000–12000	340	50	500–1000	75
Ancamide® 2769	Modified Polyamide	10	100–200	150	65–80	120	100
Ancamide® 2864	Modified Polyamide	8	1200–2500	135	65	32	100 ⁸
Ancamine® 2280	Modified Polycycloaliphatic Amine	13	360–700	110	58	50	100 ⁸
Ancamine® 2410B75	Isolated Adduct	2	11000	114	60	–	75
Ancamine® 2167	Polycycloaliphatic Amine	3	210	53	28	210	100
Ancamine® 2422	Modified Cycloaliphatic Amine	≤5	1500–2500	49	26	–	100
Ancamine® 2432	Modified Aliphatic Amine	4	200–400	88	46	27	100 ⁸
Ancamine® 2519	Modified Cycloaliphatic Amine	2	100–300	95	50	23	100 ⁸
Ancamine® 2609W	Mannic Base	5	300–600	75	40	15	100
Ancamine® 2672	Modified Cycloaliphatic Amine	<8	100–300	95	50	30	100 ⁸
Ancamine® 2719	Mannic Base	14	300–500	75	40	20	100
Ancamine® 2728	Modified Aliphatic Polyamine Adduct	7	1000–2500	233	80–120	95	60
Ancamine® 2878	Modified Aliphatic Amine	5	1000–2000	130	70	12	100 ⁸
Anquamine® 419 ⁶	Waterborne Technology	9	8000–12000	284	20–32 w/ Ancarez ⁷ AR555	240–360	60
Ancarez® AR555 ^{6,7}	Solid Epoxy Resin Dispersion	Milky White	100–300	1300 EEW	–	–	55
Epodil® LV5	Hydrocarbon Resin	2	50	–	5–15	–	100

Footnotes:

¹ ASTM D1544

² Brookfield viscosity, ASTM D445, 25 °C

³ AHEW = Amine Hydrogen Equivalent Weight

⁴ Recommended use level with Diglycidyl Ether of Bisphenol-A epoxy resin, EEW = 182–192

⁵ Gelation timer, 150g mass at 25 °C

⁶ Waterborne Technology

⁷ Solid Epoxy Resin Dispersion

⁸ Product contains benzyl alcohol

⁹ With Diglycidyl Ether of Bisphenol-A epoxy resin, EEW = 500–550

¹⁰ With Bisphenol A/F diglycidyl ether blend, Epodil® 748 Reactive Diluent diluted, EEW195, n = 900

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