

AMINE CURING AGENTS FOR METAL COATINGS



Product	Benefits											Applications							
	Low Viscosity	Fast return to service	Low Temperature Cure	Blush Resistance	Chemical Resistance	UV Stability	Low VOC	Economics	Flexibility	Pot Life	Recoatibility Window	Surface Tolerance	General Purpose	Light Duty Corrosion Resistance	Medium Duty Corrosion Resistance	Heavy Duty Corrosion Resistance	Tank Lining	High Solid Coatings	Solvent-free Coatings
Ancamide® 221X70						+		+++	+++		+		++		+				
Ancamide® 700B75				+				+	++	+++			++		+				
Ancamide® 910							+		+++	+++					+			++	
Ancamide® 2050				+			+									++	+++	++	
Ancamide® 2443	+++						+++			+++		++	+					++	++
Ancamide® 2445				++			+								+++			+++	
Ancamide® 2573			+	++			+					++						+++	
Ancamide® 2652											+++		+		+			++	
Ancamide® 3030						+		+++		+			+++		+		++		
Ancamide® 3200				++			+					+++			+++			+++	
Ancamide® 3444			+	++			+					+++			+++			+++	
Ancamide® 3622				+				+	++				++		+				
Ancamine® 2432	++	+++	+++		+++		+								++	+	+++	++	
Ancamine® 2519	++				+		+								++		+	++	
Ancamine® 2609W	++	++	+++		++		+								+		++	+	
Ancamine® 2712M	++	++		+++			+++								+		++	++	+++
Ancamine® 2719	++	+++	+++		+++		+								+		++	+	
Ancamine® 2726	++					+	+	+				+++			+++		+	++	
Ancamine® 2728		+++	+++	+++												+++	+++		
Ancamine® 2734		+++	+++					+					+		+				
Ancamine® 2739	++			++			+++								+		++		+++
Ancamine® 2765		++	+++		+++										+		+++	+	
Ancamine® 2878		+++	++	++								++							
Ancarez® AR555 ^{1,2}	+++	+++		++			+++			+++	++			+++					+++
Anquamine® 419 ¹		+++		++			+++			+++	++			+++					+++

- +++ Excellent
- ++ Recommended
- + Alternative Use

Notes: Samples available on request.

¹ Waterborne Technology

² Solid Epoxy Resin Dispersion

Product	Properties					
	Colour Max ¹ (Gardner)	Viscosity ² (mPa.s)	AHEW ³ (g/eq)	Use level ⁴ (PHR)	Gel time ⁵ @25 °C (min)	Solids (%)
Ancamide® 221X70	≤9	1000–2500	340	50–70 ⁹	>420	70
Ancamide® 700B75	≤8	4000–8000	170	90	200–250	30–35 ⁷
Ancamide® 910	≤10	4000–7000	230	110–125	120	100
Ancamide® 2050	≤12	2000–5000	150	70–100	150	100 ⁸
Ancamide® 2443	≤9	20–40	85.5	45	250	100
Ancamide® 2445	≤8	3000–6000	150	70–100	90–120	100 ⁸
Ancamide® 2573	≤10	1200–2200	115	60–70	80	100 ⁸
Ancamide® 2652	≤12	1000–3000	250	90–130	150	74–80
Ancamide® 3030	≤10	300–600 @ 75 °C	95	50	110–130	100
Ancamide® 3200	≤10	1000–2000	115	60	78–80	100 ⁸
Ancamide® 3444	≤10	500–1500	115	60	35–40	70
Ancamide® 3622	≤10	4000–12000	340	50	500–1000	75
Ancamine® 2432	≤6	200–360	88	45	27	100 ⁸
Ancamine® 2519	≤2	100–300	95	50	23	100 ⁸
Ancamine® 2609W	≤5	300–600	75	40	15	100
Ancamine® 2712M	≤7	350–650	95	50	30–35 ¹⁰	100
Ancamine® 2719	≤14	300–500	75	40	20	100
Ancamine® 2726	≤2	300–600	115	60	40–50	100 ⁸
Ancamine® 2728	≤7	100–2500	233	80–120	95	60
Ancamine® 2734	<18	500–2500	175	100	80	65
Ancamine® 2739	≤3	250–650	95	50	150 ¹⁰	100
Ancamine® 2765	≤6	800–1550	44	20	15	100
Ancamine® 2878	≤ 5	1000–2000	130	65–70	12	100 ⁸
Ancarez® AR555 ^{1,2}	Milky White	100–300	1300 EEW	–	–	55
Anquamine® 419 ¹	≤9	8000–12000	284	20–32 w/ Ancarez® AR555	240–360	60

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, EpodiR 748 Reactive Diluent diluted, EEW195, n = 900

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