

# Epoxy Hardeners

Sr. No.	Products	Solids (% NVM)	Colour (Gardner)	Viscosity @ 40 °C (cPs)	Amine Value (mg KOH/g)	AHEW	PHR with epoxy resin (EEW=190)	Thin film set time (200 μ WFT) 25 °C	Key Properties	Pro- tective Coating	Industrial Coatings	Construc- tion Concrete	Adhesive & compos- ites
<b>PHENALKAMIDES</b>													
1	AP 4115	Solvent free	10	40000- 60000	230 - 260	240	100	6	High-viscosity, Flexibility, fast drying and good water resistance properties with solid epoxy resin.	✓	✓		
2	AP 4115X70	68 - 72	10	800 - 2000 @ 25 °C	160 - 182	260 - 340	57 with Epikote 1001 (75 %)	4	70 % solid solution in xylene for better handling. Solventborne primer coating.	✓	✓		
3	AP 4125	Solvent free	10	8000 - 15000	330 - 360	125	65	6	Medium-viscosity, 1:1 volume ratio with standard liquid epoxy resin.	✓	✓		
4	AP 4140	Solvent free	10	3000 - 6000	370 - 410	95	50	6	Low viscosity, fast drying for solvent free coatings. Exhibits very good adhesion, flexibility along with good corrosion protection.	✓	✓	✓	✓