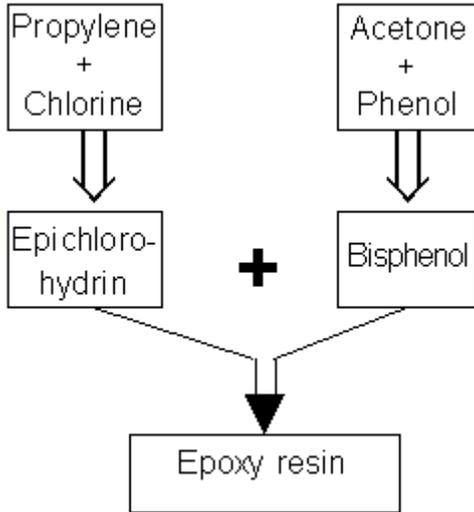




Epoxy Resin-ER-200 & Hardener-PR-140



Super power room temperature curing modified system are a specially developed from Bisphenol and Epichlorohydrin for high build coating, Bonding, adhesive grouting and mortaring application. The hardener for curing of epoxies are used like polyamide, polyamines and polyamidoamines for different application and required properties and curing time.

A versatile system are success of their following properties:-

- *Excellent adhesion to many materials
- * Excellent resistance to chemicals, heat and moisture
- * negligible shrinkage
- * good mechanical and electrical properties.

SPECIFICATIONS

No.	Properties	Unit	ER-200	PR-140	Sand	Remarks
1	Color		St. yellowish/ Greenish in bulk	Yellow to Brown		
2	Viscosity at 25oC	Poise	40-100	125-175		
3	EEWt.	G/Equiv	180-200			
4	Amine Value	G/KoH		340-400		
5	Density at 25oC	G/cm	1-1.17	0.95-1.0		
6	Shelf life	Months	12-24	12-24		
7	Mixing ratio for	Coating/ Grouting	100 pbv	100 pbv & 50 pbv		
8	Mixing ratio for	Mortar	100 pbv	100 pbv	400-600 pbv	

				&50 pbv		
9	Mixing ratio for screed	Mortar	100 pbv	100 pbv & 50 pbv	700-800 pbv	
10	Pot life after mixing	Minutes	At 25oC 30oC 35oC	90-120 60-70 45-60		
11	Touch dry for coating	Hrs	At R.T.	4-6		
12	Curing	Hrs	At R.T.	24		
13	Hard Curing	Hrs	At R.T.	One week		

Special note:- The curing schedule and properties are completely depends on method of application, quantity of mix, ratio of the systems and temperature of the weather.

APPLICATIONS:-

1. Protective coatings:- corrosion protection of metal and concrete. **2. Industrial Heavy duty Floorings:-** For requirement of highly impact resistance, chemical resistance and maintenance and dust free properties. **3. Grouting for Machine Foundation, Bridges, Dam:-** For the strengthening and leakage stopping etc. **4. Sealing of cracks and bonding of old and new concrete and for waterproofing:-** Sealing of crack by pressure grouting for waterproofing and improve the strength of structure. Bond for old and new concrete surface, etc.

PROPERTIES AFTER 7 DAYS CURING AT 25oC

No.	TEST	Unit	Self leveling	Screed	Crack Grouting
1	Compressive strength	Kg/Sq.cm.	600-900	650-900	700-1000
2	Split tensile strength	Kg/Sq.cm.	100-130	100-130	350-400 Tensile Strength
3	Flexural strength	Kg/Sq.cm.	450-550	300-400	500-800
4	Impact Strength	Kg/Sq.cm.		0.8-1.2	
5	Shrinkage	cm	0.0008	0.0008	
6	Bond strength	Kg/Sq.cm.	75-100	75-100	
7	Shear strength	Kg/Sq.cm.	75-100	75-100	
8	Module of elasticity in tension				2000-2200
9	Bond strength (Al-AL)				500-800

The information contained here in is reliable and accurate to the best of our knowledge. However conditions of use and method of applications are beyond our control, no warranty is expressed or implied.

TECHNICAL SERVICES & Technical assistance

Information is available by calling the Mr Bond Technical Service at:
Email:- Costomercare@mrbond.org



MR. BOND POLYCHEM

111, Shivam Complex, Science city road, Sola, Ahmedabad-60 (Guj) India
mail: jbond009@yahoo.co.in / info@mrbond.co.in / contact@mrbond.co.in
web: www.mrbond.co.in / www.mrbond.org
M- 94094 57994 / 93279 24007 Ph: 079-2777 4269

