

Bondone Silcrete

Epoxy resin based medium viscosity system for civil applications

Product Information

Product Name	Bondone Silcrete
Brand	Bondone (DCM Shriram / HSCL)
Type	Epoxy resin based medium viscosity system for civil applications
Pack Sizes	1.5 kg, 7.5 kg
Shelf Life	12 months from manufacture
Filler Loading	Good filler loading capacity

Features & Applications

Features	Applications
Low shrinkage and good adhesion	Terrace and bathroom waterproofing
Water resistant	Primer and screed in epoxy flooring
Chemical resistant	Repairs in railway infrastructure
Good filler loading capacity	Core cut & Anti rust coating

Technical Specifications

Property	Value
Mixing Ratio (R:H) by weight	100 : 50
Mix Viscosity @ 25°C	2,000 - 2,500 mPas
Pot Life (100 gm @ 25°C)	65 - 85 minutes
Bond Strength @ 25°C after 24 hrs	70 kg/cm²
Surface Dry @ 35°C	120 - 130 min
Touch Dry @ 35°C	225 - 235 min
Hard Dry @ 35°C	345 - 355 min

Application Guidelines

1. Clean	Thoroughly clean surface — must be clean, dry, dust and grease free.
2. Mix	Mix resin and hardener in 100:50 ratio in a wide mouth container.
3. First Coat	Apply first waterproofing coat with brush or roller.
4. Second Coat	After 3-4 hours, apply second coat in similar manner.
5. Crack Fill	Check for cracks and hollow patches. Fill with mortar made with Bondone Silcrete. Use same mortar for wall-to-floor joints (fillets).
6. Top Coat	Apply epoxy compatible, UV resistant top coat to protect waterproofing layer from sunlight.