

Bondone ClearLam CC

High-gloss laminating epoxy resin for bar tops, countertops & table tops

Product Information

Product Name	Bondone ClearLam CC
Brand	Bondone (DCM Shriram)
Type	Two-component high-gloss laminating epoxy resin
Pack Sizes	1.5 kg kit (Rs 796) & 7.5 kg kit (Rs 3,835)
Shelf Life	12 months from manufacture, sealed at 2-40°C
Food Safety	Inert when fully cured; safe for incidental food contact

Key Technical Specifications

Property	Value
Mix Ratio (Resin:Hardener)	2 : 1 by weight (100:50)
Pot Life @ 25°C	45 - 60 minutes
Recommended Coat Thickness	1 - 2 mm (thin film only)
Coverage at 1 mm	~70 sq.ft per 1.5 kg kit
Tack-Free Time @ 25°C	4 - 6 hours
Full Cure @ 25°C	7 days (oven cure 60-70°C for 30 min)
Surface Hardness	2H pencil hardness
Heat Resistance	80°C continuous
Application Method	Brush, roller, or squeegee
Appearance (Cured)	Water-clear, high-gloss mirror finish

Application Guidelines

1. Surface Prep	Clean, degrease, sand glossy surfaces. Seal porous wood with a thin seal coat first.
2. Measure	2:1 by weight (100g Resin + 50g Hardener). Use a digital scale.
3. Mix	Stir gently 2-3 min, scraping sides and bottom. Do not whip.
4. Apply	Pour and spread at 1-2 mm. Self-levels in thin films.
5. Cure	Tack-free 4-6 h. Full cure 7 days. Oven cure 60-70°C/30 min for max hardness.
6. Finish	Sand 400-3000 grit after full cure. Buff for extra gloss.

ClearLam CC vs Clear Cast

Feature	ClearLam CC	Clear Cast
Pour Depth	1-2 mm thin coat	5 mm to 3+ inches
Best For	Bar tops, countertops, table tops	River tables, deep casting, jewellery
Mix Ratio	2:1	3:1
Pot Life	45-60 min	300-370 min
Heat Resistance	80°C	65°C
Hardness	2H pencil	75-80 Shore D

Notes & Precautions

- Not for deep pours (river tables) — use Bondone Clear Cast instead.
- Avoid high humidity (>65%) — retards cure and causes blush.
- Store in cool, dry place away from sunlight. Keep sealed.
- Use in well-ventilated area. Wear gloves and safety glasses.
- TDS and MSDS available on request with every order.