

TECHNICAL DATA SHEET

D234 CASTING RESIN (TABLETOP)

V1-15/03/2024

DESCRIPTION

A water clear, solvent free, liquid epoxy casting resin with a glass-like finish. Typically used as a high strength laminating resin.

PROPERTIES

- Clear gloss finish
- Self-levelling
- Excellent adhesion
- Good scratch resistance and flexibility
- Excellent waterproof properties
- Good mechanical properties
- Good wetting properties
- Excellent air release properties
- Can add colourants or mica powders to colour your design.
- UV Stabilised (Very low tendency to yellow)

COLOUR	: Water Clear
N°. OF COMPONENTS	: 2
MIXING RATIO (VOL)	: 2 : 1
CONSISTENCY	: Liquid
VOLUME SOLIDS	: 100%
MIXED DENSITY	: 1.06
COVERAGE	: Varies according to application
MAXIMUM POUR DEPTH	: 15 mm
POT LIFE @ 25°C	: 50 min
TOUCH DRY @ 25°C	: 1 – 4 hrs
HARD DRY @ 25°C	: 24 – 48 hrs
FULL CURE	: 7 days
APPLICATION TEMPERATURE	: 15 - 25°C
CLEANING SOLVENT	: Ethanol
OVERCOATING TIME	: Overnight
SHELF LIFE	: 12 months
PACK SIZE	: 1.5, 3 & 15 litres

RECOMMENDED AREAS FOR USE

Used for bars, countertops, tabletops, floors, serving boards, furniture, artwork and decoupage applications. Can also be used as a low viscosity solvent free crack injection compound.

While this resin has a very low tendency to yellow, we still do not recommend it for permanent outdoor applications.

CHEMICAL RESISTANCE

Resistant to most dilute acids & alkalis, petroleum products & salt water.

MIXING

Mix the components thoroughly for 3 - 5 min until mixture becomes clear. If needed, add colourants when epoxy is completely mixed. Pour mixed epoxy into a second container and mix for 1 minute. Once mixed, an induction time must be observed.

Temperature	Volume	Induction Time
25°C	100 – 200ml	30min
	200 – 750ml	15min
	>750ml	10min

SURFACE PREPARATION

All surfaces to be coated must be clean, structurally sound, and free of dust, oil and dirt. Concrete surfaces should be abrasive blasted, diamond grind or acid etched to remove laitance. Moisture content should be below 10%.

APPLICATION METHOD

Applied via pour, roller or brush.

TOXICITY

Although D234 is relatively non-toxic, it is recommended that the normal precautions in dealing with conventional epoxy resin systems be adhered to.

HOW TO SPECIFY

All castings to be suitably prepared and filled with D234 Casting Resin (Tabletop) to a maximum thickness of 15mm in accordance with the manufacturer's instructions.