

# TECHNICAL DATA SHEET

## P234

V1-15/03/2024

### CASTING RESIN (TABLETOP)

#### 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
Nº. 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.

*The technical data furnished is obtained from controlled laboratory tests under ideal application conditions. No guarantee of any performance characteristic is therefore given or implied and we do not hold ourselves responsible for any consequential damage of whatsoever nature that may arise from use of our products. In the event of a proven fault our liability will be limited to the replacement of the product only. It is the user's responsibility to confirm the currency of product data sheets.*



#### **TOXICITY**

Although P234 is relatively non-toxic, it is recommended that the normal precautions in dealing with conventional epoxy resinsystems be adhered to.

#### **HOW TO SPECIFY**

All castings to be suitably prepared and filled with P234 Casting Resin (Tabletop) to a maximum thickness of 15mm in accordancewith the manufacturer's instructions.

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