

# EPOXY CRYSTAL CLEAR

## PRODUCT DESCRIPTION

Epoxy Crystal is 100% solid two-part water-clear epoxy casting resin developed to offer unrivalled clarity, air release and UV resistance for 3D floorings, bar tops and table tops. It cures to a clear, glass like finish that resists scratching. The system demonstrates excellent non-blushing properties and will not distort with age.

## PRODUCT BENEFITS

- 1- Excellent hardness
- 2- Exceptional clarity
- 3- Highly UV resistant
- 4- high resistance to yellowing
- 5- Self-air releasing
- 6- Hard wearing and highly polishable

## RECOMMENDED USES

Crystal Clear Epoxy can be used for just about any application that requires a water-clear, bubble-free and highly tough resin casting. It is particularly suitable for 3D floorings to give the perfect image depth, a high protection and to prevent any damages. It is also used for tables, bar tops...

## SURFACE PREPARATION

Surfaces should be solid, clean and dry, free from oil, grease, salt, dust and other contaminants.

## MIXING

Mix component A (Base) with component B (Hardener) at a ratio 1:0.5 base: hardener by weight.

## APPLICATION

- Pour epoxy parts A & B at a 1:0.5 base: hardener mix ratio by weight.
- Mix parts A & B and stir until epoxy becomes bubbly. About 3-5 minutes.
- Pour epoxy across surface.
- Using a foam brush, spread epoxy across surface evenly.
- Once surface is covered. Let epoxy set for 5 minutes.
- Using a heat gun or blow torch, hold lame or heat about 15 to 20 cm above surface to get rid of bubbles.
- Wait for epoxy to cure. Lightly sand and apply the second coat.

## **RECOATING**

When the first layer is fully dry, the surface should be scuff sanded with 220-230 grit sand paper for optimal adhesion between coats. After sanding the surface should then be wiped to remove dust and other contaminants. Allow the surface to dry before applying the next coat.

## **CURING TIME**

Depending on the ambient temperature, CRYSTAL CLEAR EPOXY will take around 48hrs to become touch-dry. During this initial 48hrs it is essential to keep all dust and dirt away.

The time it takes for the resin to cure fully will depend very much on the ambient temperature. Most likely the film will take 72 hours to fully cure and around 7 days to reach full hardness.

## **STORAGE**

1 year under normal storage conditions from the issue date.

Avoid frost & excessive heat.

The technical information contained in this Technical Data Sheet is to be understood as advice only and not binding in any respect.

All details about working with our products should be adapted to prevailing local conditions and materials used.