

# SILICONES

## and more

### UltraCast XT

#### Description

UltraCast XT is an epoxy resin that cures at room temperature and produces an optically very transparent end result. The UltraCast XT Epoxy has a high chemical and temperature resistance and can even be exposed to temperatures up to 90°C. The epoxy is solvent-free, making processing less dangerous. The UltraCast XT can be used for coating, for example, table tops, bar tops, counters or kitchen tops, but can also be used excellently for casting coasters, resin art or a coin floor.

#### Technical data

Mixing ratio (weight)	[A:B]	100:50
Processing time @ 20 °C*	[min]	90
Uithardtijd @ 20 °C*	[hours]	24
Final specific properties	[days]	14-21
Color	[-]	Clear Transparent

*\*The above values are for a mixture with a total volume of 250 grams. For larger volumes and/or at an ambient temperature higher than 20 °C, the processing time is shortened.*

#### Processing

Add the A and B component together in the correct proportion (weight: A:B=100:50) and mix well. If necessary, add an epoxy dye and mix again until an even color is created. The epoxy is now ready to be poured. If necessary, apply the epoxy with a brush or roller and provide the total surface with a thin layer. If necessary, apply a second layer. This is best done if the first layer has not yet fully cured. Reinforcement of certain parts can be applied by using fiberglass cloth. The final properties of UltraCast XT are achieved after the epoxy has fully hardened (24 hours).

#### Important

The best results are achieved if you handle the mixing ratio accurately. Process the product in a room where the temperature is between 18 and 30 °C. Because the UltraCast XT has a long processing time, this epoxy is sensitive to high humidity. Ventilation of air (wind) and air conditioning can also affect the curing of the epoxy. When adding "too much" dye or adding alcohol, problems can also occur regarding curing.

#### Waste

The product can be thrown away cured in the dirt. Deliver uncured components and packaging with residues to environmental point or treat according to the laws of your country.

#### Shelf life

This epoxy is best stored in a dry place between 18°C and 28°C. Opened packages must be closed carefully to ensure shelf life. If properly closed, the epoxy has a shelf life of 2 years. If the product has become too cold during transport or storage (below 15°C), the components can become cloudy. This can be solved by heating the package tightly closed au bain marie to 60 °C and keeping it that way for several hours and shaking occasionally.

#### Safety

The products are harmful to health in liquid form. Contact with the skin of one or both components should be avoided. Fumes from this product can irritate the respiratory tract with prolonged or frequent use. Always wear safety gloves when processing this product. Always work in a well-ventilated area. For further information, see safety data sheets.

#### Properties

- High temperature resistance up to 90°C
- Optically very transparent
- High gloss
- Long processing time
- High chemical resistance
- Goede Liveosity which makes coating and casting easy
- Solvent free
- Odourless after treatment
- Excellent adhesion to all types of materials
- Suitable for food-safe coating