



## PRODUCT DATA SHEET

### FINER ULTRA HARDENER FOR EPOXY DEEP CASTING RESIN

#### OVERVIEW

**FineR ULTRA** resin with hardener casting epoxy resin for deep pour – features:

- Mixing ratio: 100:50 by weight
- Deep castings possible up to 12 cm thick per layer at 17C
- Very transparent end result
- Extremely clear
- Long processing time
- Very good UV resistance. It can be even more protected with additional UV stabilizer
- You can pour several layers over each other
- Smooth, glassy surface
- Very low heat development
- Does not / hardly smell. Neutral odor
- First processing after 6 days

#### DESCRIPTION

FINER ULTRA is two component epoxy system used for very deep pouring.

It contains epoxy resin FineR ULTRA resin (transparent) and FineR ULTRA hardener (amine based, transparent).

#### PHYSICAL DETAILS

- **Hardener**
  - Viscosity, 25 °C, mPa.s: ~ 50
  - Density: ~ 0.98
  - Mixing ratio with FineR ULTRA resin
    - in parts by weight 100 (resin) : 50 (hardener)
    - in parts by volume 100 (resin) : 57 (hardener)
- **Mixture after hardening**
  - Shore hardness:
    - after 7 days, 23 °C: 73
    - after 14 days, 23 °C: 78

#### CASTING THICKNESS (Max casting thickness for 350 x 300 mm)

	Room temperature	Thickness (mm)
<b>Lowest temperature to work with</b>	17 °C	120
	20 °C	75
	23 °C with fan	90
	23 °C	55
<b>Highest temperature to work with</b>	26 °C	45
	29°C	35

## **STORAGE**

- Hardener shelf life: 12 months
- Storage environment temperature: 13-25 °C
- Package: must be stored closed to protect hardener against moisture.

## **ADDITIONAL INFORMATION**

All technical data stated in this document are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## **CONTACT**

Fine Wooden Creations  
ul. Kolejowa 1811  
05-092 Dziekanów Leśny  
[info@finewoodcreations.com](mailto:info@finewoodcreations.com)  
[www.finewoodcreations.com](http://www.finewoodcreations.com)  
+48 534 005 534