

TECHNICAL DATA SHEET

UV-RESIN MA+

PRODUCT: UV-RESIN MA+

Components	Density [g/cm ³] (t = 23±2 °C)	Properties	Pot life
Methacrylate-ester based one-component resin	1,1 ± 0,1	UV-cured, hard, high bond strength	Not applicable

APPLICATION FIELD OF THE UV-CURED LINER RESIN PRODUCTS

UV-cured, styrene-free TYVcure resins – in case of careful light protection – have long workability time. After treating with UV light (wavelength: 400 ± 20 nm, intensity: at least 10 mW/cm²) they harden very quickly.

The resins can be used for rehabilitation of industrial and communal pipes with inversion technology.

Characteristics of the liquid resin	Characteristic value
Viscosity at 25 °C	1050 ± 150 mPas
Flash point (closed space)	> 100 °C
Appearance, color	Transparent, yellowish liquid
Shelf life (protected from light, at max, 25 °C)	6 months

Essential characteristics of the hardened resin (without reinforcement)	Performance
Tensile strenght	> 40 MPa
Moduls of elasticity (Young-s modulus)	> 3,0 GPa
Elongation at break	> 2,0%

Essential characteristics of the hardened resin (with reinforcement*)	Performance
Tensile strenght	> 250 MPa
Moduls of elasticity (Young-s modulus)	> 10,0 GPa
Elongation at break	> 3,0%

MANUFACTURER'S DECLARATION

The performance of HOUSELINER MA+ liner resin is valid if the following conditions are provided:

- The instructions of the Application Guide must be followed.
- The treated surface must be clean, and free of dust, oil, fat and loose particles.
- During proceeding, the material temperature and the ambient temperature must be at least +5 °C.
- The hardened resin can be loaded in a temperature range between -15 °C and +60 °C.

THANKS FOR USING