TECHNICAL DATA SHEET

MaxLight® UV Resin Systems

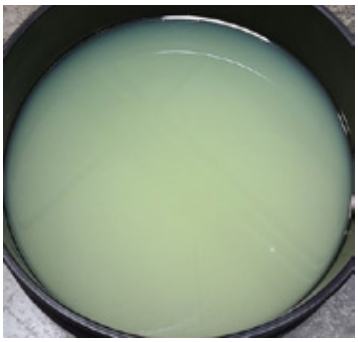
UV LED Cure for CIPP Rehabilitation

DESCRIPTION

The MaxLight UV Resin Systems are uniquely formulated to cure with UV LED light that offer superior mechanical properties and chemical resistance. As a part of the MaxLiner® liner system, these resins are specially designed with excellent wet-out capability, ultra-low odor and are Styrene-free.

TECHNICAL DATA

MaxLight UV Resin Systems are single-component resins designed to meet all specifications for a fully structural Cured-In-Place Pipe (CIPP) liner conforming to all applicable ASTM standards. Impregnated liner pot life varies with temperature and liner tube coating type. The data provided below is for reference only. For more detailed product information, contact MaxLiner prior to use.



BENEFITS

- No mixing — single component
- No Styrene, ultra-low odor
- Rapid cure times
- No waste
- Superior mechanical properties
- Excellent UV cure profile

REACTION DATA	
Single Component	No Mixing
Temperature	77°F | 25°C prior to mixing
Cure	Ultraviolet light cure — 400 nm

PHYSICAL PROPERTIES[1]			
TEST	TEST METHOD	ASTM F1216	MAXLIGHT RESIN
Flexural Modulus, psi	ASTM D790	250,000	406,609
Flexural Strength, psi	ASTM D790	4,500	14,649
Compressive Strength, psi	ASTM D695	4,000	25,817
Tensile Strength, psi	ASTM D638	3,000	8,700
Tensile Elongation, %	ASTM D638	5	5

[1] It is important to note that the MaxLight UV Resin System is specifically designed for CIPP applications and has not been modified from another industry resin in attempt to fit the complex environmental, design and performance needs required in underground rehabilitation industry.

MAXLINER®

TYPICAL LIQUID PROPERTIES[2]		
TEST	**UNIT OF MEASURE**	**NOMINAL**
Viscosity, @ 77°F | 25°C	cps	4,000
Color	—	milky white
Specific Gravity @ 77°F | 25°C	pounds / gallon	1.11
UV Gel Time	minutes	1 – 4

[2] Typical properties are not to be construed as specifications.

SYSTEM
MaxLight Resins are calculated by weight to fully impregnate (wet-out) MaxLiner tubes specially designed for the MaxLight Lining System. Follow MaxLiner recommendations for equipment and procedures for proper liner wet-out and installation.

FINAL PRODUCT
The combined resin and liner system is cured by UV LED light after insertion into the host pipe to form a tough, strong, renovated pipe that is resistant to municipal sewage, acids and alkalis commonly found in drains, sewers and commercial wastewater.

SAFETY
Always use Personal Protective Equipment (PPE) when using this product. Do not ingest. Always read the container label warning and Safety Data Sheets (SDS) prior to use. If you do not understand or cannot adhere to the guidelines and procedures for handling and use of these products in strict accordance with the SDS, do not use these products. SDS can be downloaded from the MaxLiner Mobile App or website.

DISPOSAL
Disposal must conform to local and state regulations.

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It is important to note that the MaxPox Resin System is specifically designed for CIPP applications and has not been modified from another industry resin in attempt to fit the complex environmental, design and performance needs required in underground rehabilitation industry.

TECHNICAL SUPPORT
Call technical support with additional questions at (877) 426-5948.

DISCLAIMER
The information contained herein is offered without charge for use by technically qualified personnel at their discretion and risk. All statements, technical information and recommendations contained herein are based on tests and data which we believe to be reliable, but the accuracy or completeness thereof is not guaranteed, and no warranty of any kind is made with respect thereto. Exact coating type and thickness depend on the specific types of resin being used. Always read, understand, and comply with hazard warnings described in the products' Safety Data Sheet(s) before use.