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TECHNICAL DATA SHEET

Pipe Rehabilitation Resin Systems

Wastewater, Storm Water and Other Non-Potable Applications

Description					
The MaxPox® resin systems are two-part, 100% solids, styrene-free epoxies offering superior mechanical properties and chemical resistance as a component of HammerHead cured-in-place-pipe (CIPP) rehabilitation systems specially formulated for waste water, storm water and other non-potable water applications.					
Technical Data					
These resin systems are specially formulated with excellent CIPP liner wet out capability, low odor, and zero VOC's to perform pipeline repairs with consistent, long lasting performance. Mixed resin pot life varies with temperature and total mass of material mixed. The data provided below is for reference only. For more detailed product information contact HammerHead Trenchless.					
Reaction Data					
Mix Ratio A:B		100:32 by weight (using MaxPox 480) and 100:28 by weight (using MaxPox 180)			
Components Temperature		68°F (20°C) prior to mixing			
Cure Methods		Steam or hot water cure			
Material Data					
Resin System Component		MaxPox 8	MaxPox 15	MaxPox 180	MaxPox 480
Type	Epoxy	Part A: Base Resin	Part A: Base Resin	Part B: Hardener	Part B: Hardener
Weight	lbs/gal	9.6	9.68	8.01	7.8
Color	Unpigmented	Clear	Clear	Amber	Amber
Viscosity	cps at 77°F (25°C)	1,300 - 1,500	1,400 - 1,600	40 - 60	10
Gel Time	Using MaxPox 180 at 73°F (23°C), 125g mass	180 minutes	180 minutes		
	Using MaxPox 480 at 73°F (23°C), 125g mass	480 minutes	360 minutes		
System					
Using HammerHead patent pending resin impregnation (wet out) technology in compliance with ASTM F2994, epoxy components are measured accurately, mixed thoroughly and then used to fully saturate RS CityMain, RS CityLiner or other approved CIPP liner under vacuum. The CIPP composite (resin plus liner) system is properly cured after placement into the host pipe to form a tough, strong, renovated pipe resistant to municipal sewage, acids, and alkalis commonly found in drains, sewers and commercial wastewater. Contact HammerHead Trenchless for detailed instructions prior to use.					
Packaging					
Part A		Drum (270 lbs), Drum (500 lbs), Tote (2,204 lbs)			
Part B		Drum (240 lbs), Drum (440 lbs), Tote (1,984 lbs)			
Shelf Life and Storage					
Two years when stored in a dry, sheltered area between 60°-100°F (15°-38°C). MaxPox resin are formulated for resistance to crystallization. However, crystallization can occur, partially when the resin is exposed to low temperatures. This is reversible by heating and mixing the resin. Contact HammerHead Trenchless for detailed instructions should this occur.					
Safety and Disposal					
Refer to the Safety Data Sheets (SDS) for these products for safety and health information prior to use. Follow all notices on the SDS. 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. Contact HammerHead Trenchless for a current copy of SDS sheets. Follow all local, state, and federal regulations for disposal.					



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