



Global Manufacturer of
Composite and Adhesive
Products and Technologies

**CiPP Pipe
Relining Resins**

CiPP Pipe Relining Resins Product Range

* 1% Perkadox 16 @ 82°C
** 1% Perkadox 16 & 1% Trigonox C @ 82°C
*** 0.5% Perkadox 16 & 0.5% Trigonox 42S @ 82°C
1% Perkadox 16 @ 80°C
0.8% Perkadox 16 & 1% Trigonox C @ 80°C

RESIN	TYPE	CURE TYPE	DESCRIPTION	GEL TIME (mins)	MON-OMER CONTENT	HDT (°C)	APPROVALS	PRIMARY MANUFACTURING LO-
Crystic PD 9548	Isothallic - filled		Crystic PD9548 is a filled Isothallic , thixotropic polyester resin . Fully cured linings made with PD 9548 offer high stiffness together with excellent long term property retention.	4 *	34%	76		UK
Crystic D 5101	Isothallic -unfilled		Crystic D5101 is an Isothallic thixotropic polyester resin . Fully cured linings made with D5101 offer good chemical reistance and mechanical properties together with good long term property retention	3-6 *	37-43	TBC		UK
Crystic D3846SA	Isothallic -unfilled		Crystic D3846SA is an Isothallic thixotropic polyester resin . Fully cured linings made with D3846PA offer good chemical reistance and mechanical properties together with good long term property retention	0.5 -1 ***		75		South Africa
Crystic PD 9352PA (I)	Isothallic -unfilled		Crystic PD9352PA (I) is a pre-accelerated Isothallic thixotropic polyester resin suitable for CiPP applciations It offers excellent stability at elevated temperatures and is well suited for use in hot climates	1-2.5 **	40-44	78		Dubai
Crystic PD 10098T	Ortho/NPG unfilled		Crystic PD10098T is a thixotropic high reactivity Ortho/NPG polyester resin. Fully cured linings made with PD10098T offer excellent mechanical properties and chemical resistance together with excellent long term property retention.	3-5 *	40-44%	98	Type 1140 according to DIN 16946 . part 2 & Group 3 according to DIN 18820 part 1	France
Crystic 4044T V01	Iso/NPG unfilled		Crystic 4044T V01 is a thixotropic Iso/ NPG polyester resin with a low exotherm. Fully cured liners made with 4044T V01 offer excellent mechancial properties and chemical resistance together with excellent long term property retention.	7-8 *****	37-41	100		France
Crystic VE 676T	Vinyl Ester -Epoxy BPA		Crystic VE676 is an un accelerated thixotropic vinyl ester resin which can be utilised for CiPP applications. It offers excellent chemical reistance and mechanical perofmance		43-47			Croatia
Crystic PD 10154 I	Ortho/NPG unfilled	UV cure	Crystic PD10154I is an Ortho/NPG polyester resin with a UV photo initiator which can be thickened by the addition of magnesium oxide. It offers excellent mechancial properties and reistance to water ingress.		43-47	104	Type 1140 according to DIN 16946 . part 2 & Group 3 according to DIN 18820 part 1	France



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