

ELANTAS Europe Srl



Elan-tech[®]

**C.I.P.P. EPOXY RESIN SYSTEMS FOR
SEWAGE/ DRINK WATER / GAS PIPE
REHABILITATION**

Unfilled Epoxy Resin Systems

Pipe diameters	System characteristics	RESIN CODE	HARDENER CODE	COLOUR OF THE MIXTURE	MIX RATIO IN WEIGHT	POT-LIFE (25°C)	WORKING TIME into the liner (25°C)	MAX QUANTITY TO BE APPLIED	Curing time and temperature	PACKING SIZE	POTABLE WATER
									1) Air 2) Air+Steam 3) Hot Water		
Patch Repair, Drainpipes Rehab, Pipes Derivation	Unfilled - light tix - fast react-Room Temperature Curing – Sewage	EC397TIX Neutral	W275 Blue	BLUE	100:30	15-20 mins	45 mins	Kg 50	1)3hrs @ 25°C 2)30mins @ 80°C 3) 1hr @ 50°C	16,7kg can (A+B)	
Downpipes, small pipes and connections up to 300 mm diameter.	Unfilled-light tix-fast react-Room Temperature Curing – Sewage	EC397TIX Neutral	W276 Blue	BLUE	100:30	30-40 mins	120 mins	Kg 150	1)8hrs @ 25°C 2)45mins @ 80°C 3) 1h @ 50°C	16,7kg can (A+B)	
Up to 400 mm diameter pipes	Unfilled - light tix – medium-fast react with moderate temperature – Sewage	EC397TIX Neutral	W285 Blue	BLUE	100:34	40-50 mins	150 mins	Kg 300	2) 1hr @ 80°C 3) 2hrs @ 60°C	17,23Kg can (A+B)	
Up to 400 mm diameter pipes	Unfilled - light tix - medium react – Sewage	EC397TIX Neutral	W398 Red	RED	100:45	40-60 mins	180 mins	Kg 500	2-3) 3hrs@50°C 2-3) 1,5hr@70°C	18,6Kg can (A+B)	

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Pipe diameters	System characteristics	RESIN CODE	HARDENER CODE	COLOUR OF THE MIXTURE	MIX RATIO IN WEIGHT	POT-LIFE (25°C)	WORKING TIME into the liner (25°C)	MAX QUANTITY TO BE APPLIED	Curing time and temperature		PACKING SIZE	POTABLE WATER
									1) Air	2) Air+Steam		
Up to 600 mm diameter pipes	Unfilled - light tix - medium react with moderate temperature– Sewage	EC 397TIX Neutral	W 283HT Blue	BLUE	100:34	80-100 mins	3-4 hrs	Kg 1000-1500	2-3) 2hrs@80°C 3) 4hrs@60°C	17,23Kg can (A+B)		
Up to 600 mm diameter pipes	Unfilled – low viscosity – medium react - Sewage - specific for Metering mixing Systems –	RE1070 Neutral	W152XLR Neutral	NEUTRAL	100:28	115-135 mins	480 mins	Kg 400	2-3) 3hrs @ 70°C 2hrs @ 90°C	1000Kg IBC (A) 840Kg IBC (B)		
Up to 1000 mm diameter pipes	Unfilled - light tix - slow react - Sewage	EC 397TIX Neutral	W 221 Red	RED	100:45	2 – 3 hrs	4-5 hrs	Kg 1500-2000	2-3) 10hrs@50°C 2-3) 5hrs@ 80°C	18,6kg can (A+B) or 1000Kg Bulk		
Up to 1000 mm diameter pipes	Unfilled - light tix - slow react - Potable water also under pressure pipe	EC 398TIX Neutral	W 222 Neutral	NEUTRAL	100:45	2 - 3 hrs	4-5 hrs	Kg 1500-2000	2-3) 10hrs@50°C 2-3) 5hrs@ 80°C	18,6kg can (A+B) or 1000Kg Bulk	X	
Up to 1200 mm diameter pipes	unfilled - tix –very slow react - Sewage & potable water also under pressure pipe	EC 393 Neutral	W222 W222Tix neutral	NEUTRAL	100:45	5-6 hrs	12 hrs (3days @ 0°C)	Kg 3000-5000	2-3) 10hrs@50°C 2-3) 4hrs@90°C	46,4 Kg can (A+B)	X	
Up to 1200 mm diameter and over	Unfilled - light tix - latent system for ice refrigerated transportation	EC 397 TIX Neutral	W 396 Neutral	NEUTRAL	100: 4-6	60hrs (4%) 30hrs (6%)	72 hrs (1 week @ 0°C)	Kg 10000 and over	3) 8hrs@ 70°C 3) 4hrs@ 90°C	1000 Kg bulk, or 200Kg- drum (A) 200Kg drum or 18 Kg can (B)		

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Filled Epoxy Resin Systems

Pipe diameters	System characteristics	RESIN CODE	HARDENER CODE	COLOUR OF THE MIXTURE	MIX RATIO IN WEIGHT	POT-LIFE (25°C)	WORKING TIME into the liner (25°C)	MAX QUANTITY TO BE APPLIED	Curing time and temperature	PACKING SIZE	POTABLE WATER
									1)Air 2)Air+steam 3)hot water		
Up to 400 mm diameter pipes	Filled - tix - medium react - Thermal resistance - sewage	MC 282N Yellow	W 132 Neutral	YELLOW	100:23	50-60 mins	2,5-3,0 hrs	Kg 500	2-3) 4hrs@90°C or 6hrs@80°C	20 kg can (A) 18 kg can (B)	
Downpipes, small pipes and connections up to diameter 400 mm	Filled - tix - fast react - Temperature Curing - Sewage	MC 282N Yellow	W 285 Blue	GREEN	100:22	40-50 mins	150 mins	Kg 300	2-3) 1hr @ 60°C	24,4 kg can (A+B)	
Up to 600mm diameter pipes	Filled - tix - medium react - Sewage (drink water only with W283)	MC 282N Yellow	W 283 W 283MR Blue	GREEN	100:22	80-100 mins	3,5-4,5 hrs	Kg 1500-2000	2-3) 6hrs@50°C 2-3) 2hrs@80°C	24,4 kg can (A+B)	X
Up to 800 mm diameter pipes	Filled - tix - slow react - Sewage (drink water only with W282)	MC 282N Yellow	W282 W 282MR Red	ORANGE	100:22	3-4 hrs	5-6 hrs	Kg 2000-3000	2-3) 10hr@50°C 2-3) 5hrs@80°C	24,4 Kg can (A+B)	X
Up to 600mm diameter pipes	Filled - tix - slow react - for water and gas flexible pipe	MC 320 White	W 320 MR Red	RED	100:100	2,5-3 hrs	4-5 hrs	Kg 300-500	2-3) 8hrs@50°C 2-3) 5hrs@80°C	27 kg can (A+B)	X

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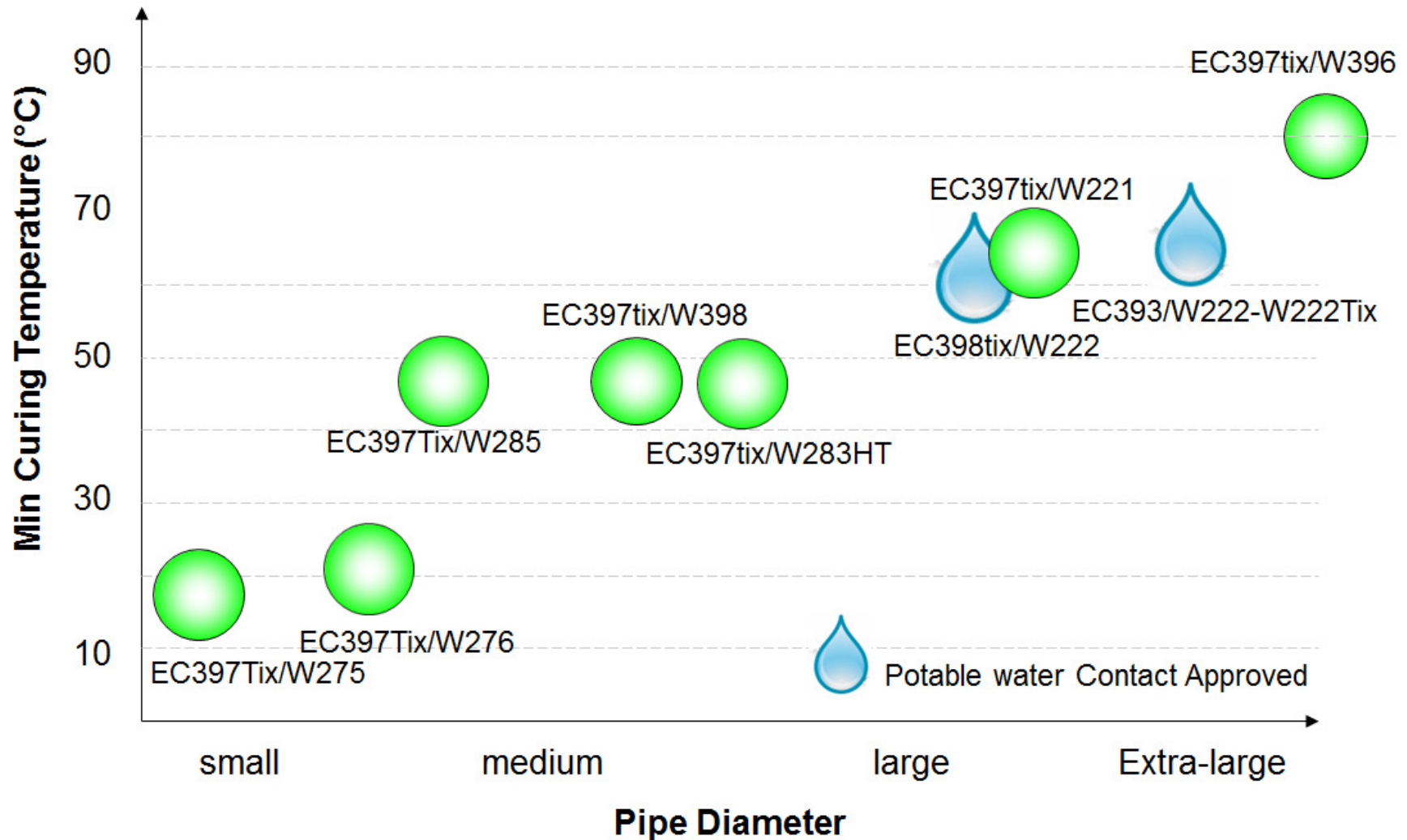
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Product Range – Pure System



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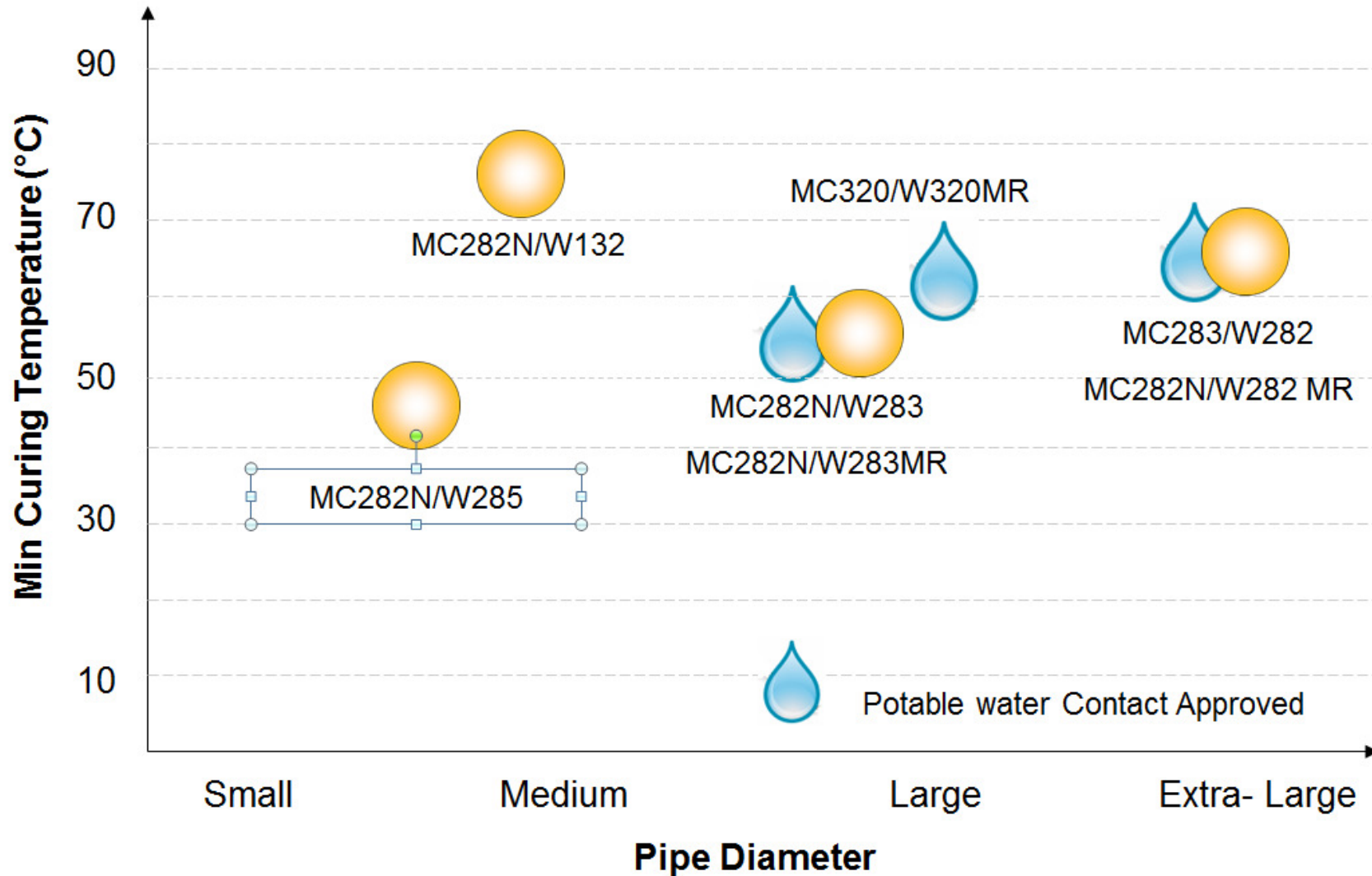
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Product Range – Filled System



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