



EPOXY RESIN SYSTEMS FOR WATER/GAS PIPE REHABILITATION WITH IMPREGNATED LINERS

Pure 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	EC 397TIX YELLOW or NEUTRAL	W275 BLU	GREEN or BLU	100:30	15 - 20 minutes	45 minutes	Kg.50	1) 3h at 25°C 2-3) 1 h at 50°C	16,7kg can (A+B)	
Downpipes, small pipes and connections up to 300mm diameter.	Unfilled-light tix-fast react- Room Temperature Curing – Sewage	EC 397TIX YELLOW or NEUTRAL	W276 BLU	BLU or GREEN	100:30	30 - 40 minutes	120 minutes	Kg. 150	1) 8h at 25°C 2-3) 2-3h at 50°C	16,7kg can (A+B)	
Up to 400mm diameter pipes	Unfilled - light tix - medium react – Sewage	EC 398TIX YELLOW or NEUTRAL	W 398 RED	ORANGE or RED	100:45	40 - 60 minutes	180 minutes	Kg. 500	2-3) 3h at 50°C 2-3) 1,5 h at 70°C	18,6Kg.can (A+B)	
Up to 600mm diameter pipes.	Unfilled - light tix - slow react - Sewage	EC 398TIX YELLOW or NEUTRAL	W 221 RED	ORANGE or RED	100:45	2 – 3 hours	4 – 5 hours	Kg. 1500-2000	2-3) 10h at 50°C 2-3) 5h at 80°C	18,6kg can (A+B) or 1000Kg Bulk.	
Up to 600mm diameter pipes.	Unfilled - light tix - slow react - Potable water	EC 398TIX NEUTRAL	W 222 NEUTRAL	NEUTRAL	100:45	2 - 3 hours	4 - 5 hours	Kg.1500-2000	2-3) 10h at 50°C 2-3) 5h at 80°C	18,6kg can (A+B) or 1000Kg Bulk.	X
Up to 1200mm diameter and over	Unfilled - light tix - latent system for ice refrigerated transportation	EC 397 TIX NEUTRAL	W 396 NEUTRAL	NEUTRAL	100: 4-6	60 hrs (4%) 30 hrs (6%)	72 hours (1 week at 0°C)	Kg.10.000 and over	3) 8hrs at 70°C 3) 4hrs at 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		
Downpipes, small pipes and connections up to diameter 400 mm..	Filled – Tix - fast react - Temperature Curing - Sewage	MC 283 WHITE or YELLOW	W285 BLU	BLUE or GREEN	100:22	40 -50 minutes	150 minutes	Kg. 300	2-3) 1h at 60°C	24,4 kg can (A+B)	
Up to 400mm diameter pipes	Filled – tix - medium react - Thermal resistance - sewage	MC 283 YELLOW	W 152XLR NEUTRAL	YELLOW	100:18	50-60 minutes	2,5-3 hours	Kg.500	2-3) 4h at 90°C or 6h at 80°C	20 kg can (A) 18 kg can (B)	
Up to 600mm diameter pipes.	Filled – tix - medium react - Sewage & potable water	MC 283 WHITE or YELLOW	W 283 BLUE	BLUE or GREEN	100:22	80 – 100 minutes	3,5 –4,5 hours	Kg. 1500-2000	2-3) 6h at 50°C 2-3) 2h at 80°C	24,4 kg can (A+B)	X
Up to 800mm diameter pipes.	Filled – tix - slow react Sewage & potable water	MC 283 WHITE or YELLOW	W 282 RED or NEUTRAL	RED or ORANGE or YELLOW	100:22	3-4 hours	5 - 6 hours	Kg.2000-3000	2-3) 10h at 50°C 2-3) 5h at 80°C	24,4 Kg can (A+B)	X
Up to 600mm diameter pipes.	Filled – very tix – slow react - for water and gas flexible pipe	MC 320 WHITE	W 320 MR RED	RED	100:100	2,5 - 3 hours	4- 5 hours	Kg. 300-500	2-3) 8h at 50°C 2-3) 5h at 80°C	27 kg can (A+B)	X
Up to 600mm diameter pipes.	Filled - very tix – slow react - for water and gas flexible pipe	MC 320 WHITE	W 320 RED	RED	100:100	3 - 4 hours	5- 6 hours	Kg. 500-1000	2-3) 8h at 50°C 2-3) 5h at 80°C	27 kg can (A+B)	X

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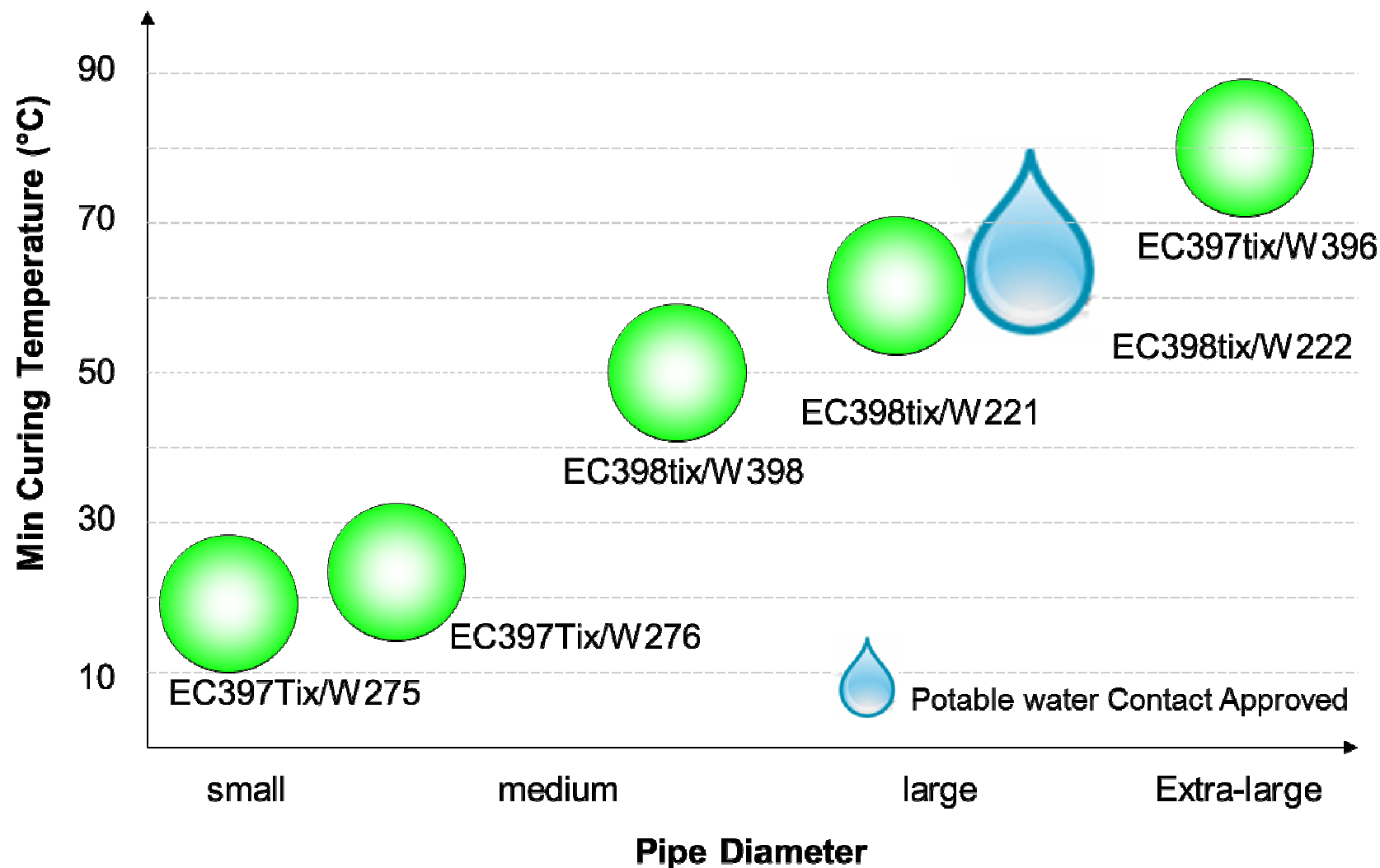
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Product Range – Pure System

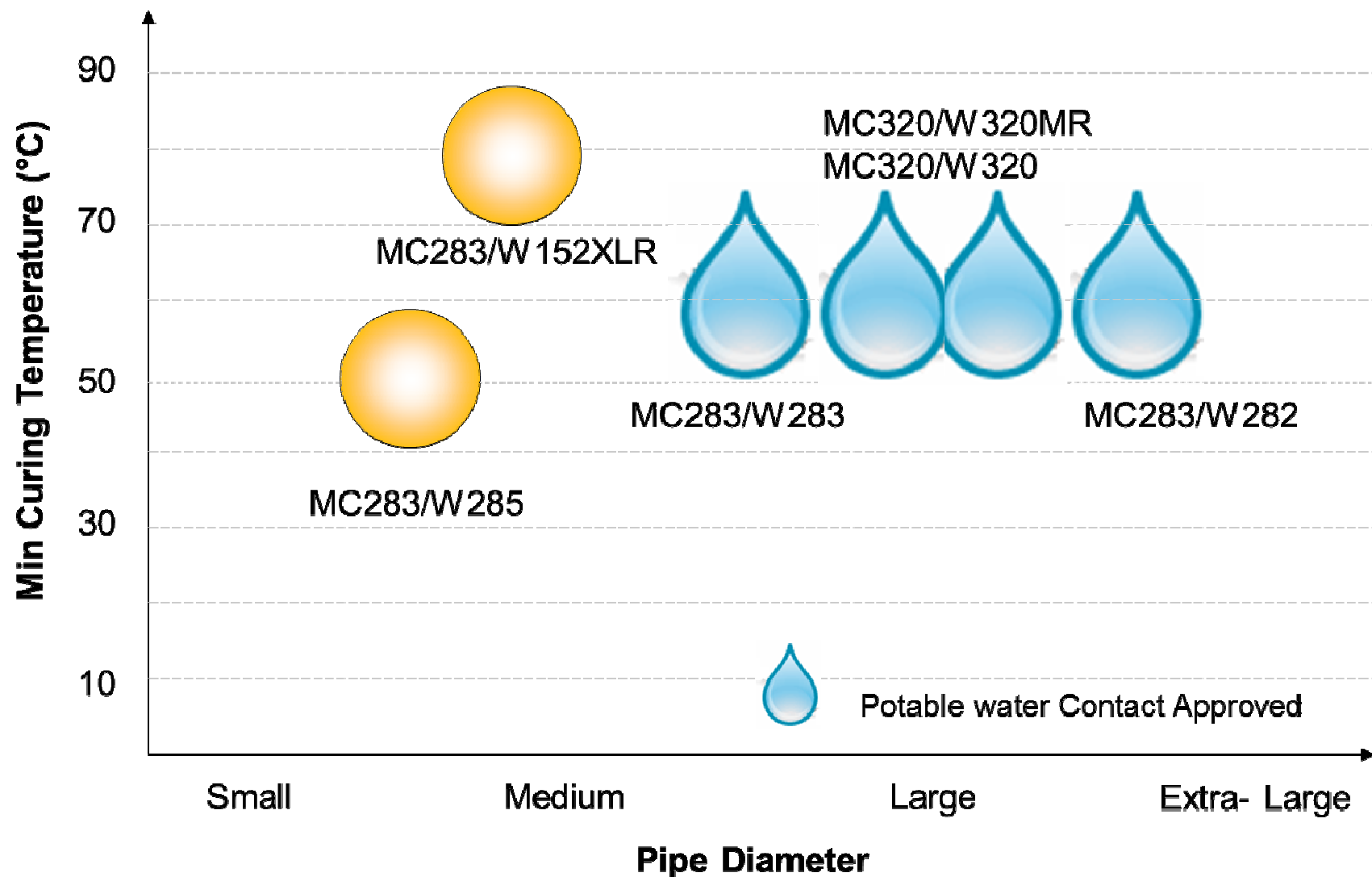


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Product Range – Filled System



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