

Composite Materials

Epoxy resins for sewage, potable water, gas pipes, C.I.P.P. rehabilitatin process

Filled epoxy systems

Pipe diameter	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			Potable water
									1) Air	2) Air + Steam	3) Hot Water	
Up to 400 mm diameter pipes	Filled - tix - medium react - Thermal resistance - sewage	MC 283 YELLOW	W 132 NEUTRAL	YELLOW	100:23	50-60 min	2,5-3,0 hrs	kg 500	2-3) 4 hr s @ 90 °C or 6 hrs @ 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 283 WHITE or YELLOW	W285 BLU	BLUE or GREEN	100:22	40-50 min	150 min	kg 300	2-3) 1hr @ 60 °C	24,4 kg can (A+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 min	3,5-4,5 hrs	kg 1500-2000	2-3) 6 hrs @ 50 °C 2-3) 2 hrs @ 80 °C	24,4 kg can (A+B)	x	
Up to 800 mm diameter pipes	Filled - tix - slow react - Sewage & potable water	MC 283 WHITE or YELLOW	W 282 RED	RED or ORANGE	100:22	3-4 hrs	5-6 hrs	kg 2000-3000	2-3) 10 hrs @ 50 °C 2-3) 5 hrs @ 8 0 °C	24,4 kg can (A+B)	x	
Up to 1200 mm diameter pipes	Filled - tix -very slow react - Sewage & potable water	EC 393	W393TIX	WHITE	100:75	5-6 hrs	12 hrs (3 days @ 0 °C)	kg 3000-5000	2-3) 10 hrs @ 50 °C 2-3) 4 hrs @ 90 °C	56 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	100:10	2,5-3,0 hrs	4-5 hrs	kg 300-500	2-3) 8 hrs @ 50 °C 2-3) 5 hrs @ 80 °C	27 kg can (A+B)	x	

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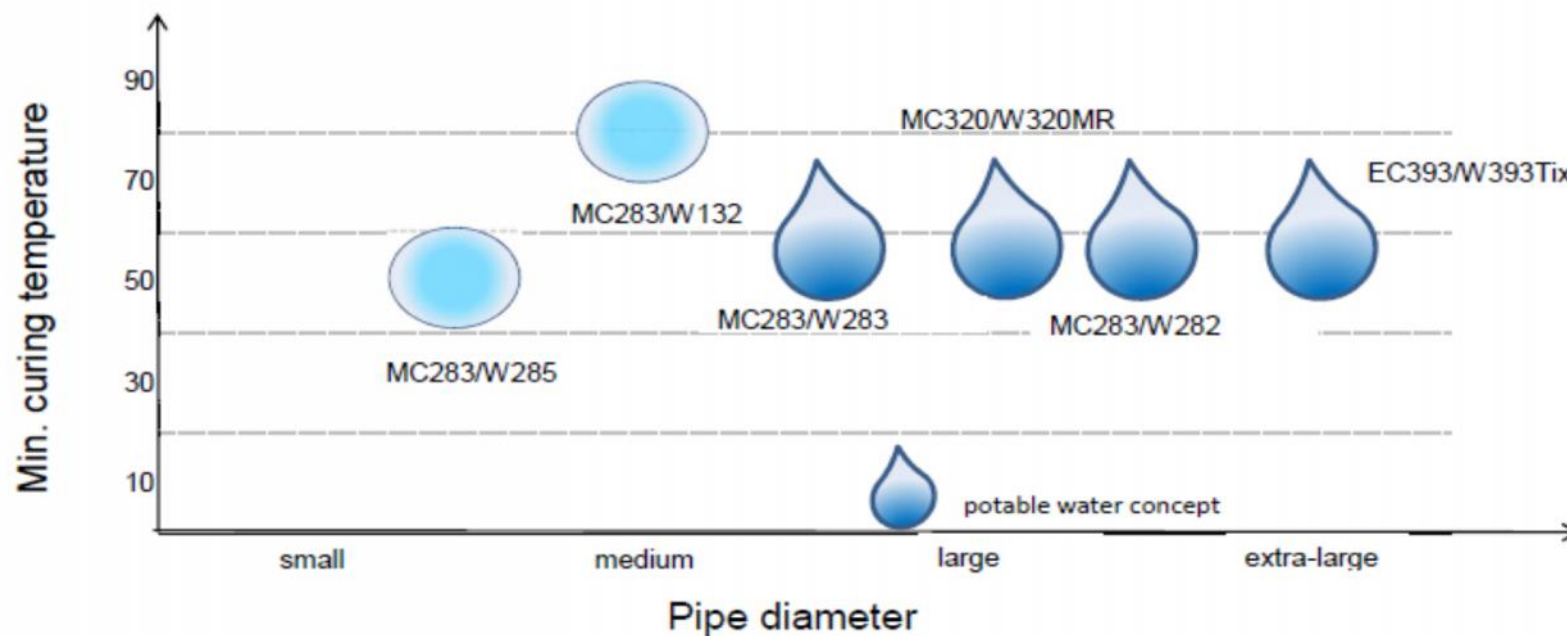
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Product range - filled epoxy systems



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