Epoflex[®] 590



Product Description			
General	Two components epoxy system containing non-abrasive fillers. Thixotropic.		
Suitability	Coating of single or double wall steel tank or concrete tank in contact with unleaded fuels or chemicals.		

Specification			
Mixing ratio by weight	100 parts Component A : 25 parts of Component B		
Density of the mixture	1,86-1,9kg/dm³		
Material Yield	2 kg/m² for 1 mm layer thickness		
Pot life	Temp. Pot life 25 °C 12-18 min		
Hardness	Shore D > 80		
Hardening / recoatability	Dust free Full dry	at 20°C 6h-8h 3-4 days	30 °C 4h-6h 2-3 days
	Recoatable	Min. 8 hours Max. 24 hours (Hardness limit: S	Shore D < 65)
Colour	Green		
Packaging	Comp. A: 20 kg Comp. B: 5 kg		
Storage life	Filled epoxy resin and its amine-based hardener can be stored for one year in the original sealed containers in a cool, dry place. The hardener is moisture sensitive therefore it is good practice to close the container immediately after each use.		
Art. No.	Component A: (W-D9134-20) Component B: (W-D9135-5)		



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Application	
Subsurface	The product shall be coated in general just on corresponding primers. On blasted and galvanizing steel surfaces it can also be coated without primer. Directly on steel it can be applied after SA 2,5 grit blasting. Surface Roughness > 60 μ m.
Application	Preferred application method: airless spraying, compression ratio > 65:1, flow rate > 8 L/min, recommended spray nozzles 5-27, 5-29, 5-31. Material temperature should be 25-33°C. Other application methods: spatula, roll or brush. Other application notes: Suitable for application in vertical up to 2 mm. For recoating after recoatability time, the surface shall be roughened by sandpaper.
Mixing	Slowly pour the resin into the hardener while mechanically mixing continuously until both components are entirely homogeneous.
Climatic conditions	Max. 70% humidity. Min. 3 °C above dew point. (surface temperature)
Note	For application conditions not specified in the data sheet, contact Wolftank Adisa.

Safety Precautions			
Precautions to be observed	Safety measures should be taken in accordance with the material safety data sheet. Local legal, health and safety regulations apply.		
Liability	The above information is based on numerous tests and many years of experience. Liability for the application of the described product cannot be accepted as the results largely depend on the proper treatment and application of the material.		
Hazard information	Exclamation Mark Environment Corrosion		
Transport information	Comp. A UN 3082 Comp. B UN 2735		

Epoflex[®] 590 part of the Wolftank Groups' product line: adisa

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