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Product name	Unit	SÄKAPHEN® SÄKATONIT® Extra AR-F
Properties	-	Cold Cured Duroplast Coating
Resin base	-	Amine cured Epoxy system
Field of Application	-	For the external coating of (sea-) water immersed structures, such as box coolers.
Cure Mechanism	-	Cold Cured Duroplast Coating
Quantity of components	-	2
Color	-	Anthracite / Red
Surface	-	Glossy
General chemical resistance (All resistances have to be inquired separately!)	-	Chemically resistant to all types of water, including brackish, river and sea water as well as deionized water.
pH Range	pH	1-13
Wet Film Thickness per layer	µm	60 - 80
Total dry film thickness	µm	100 - 200
Coverage	approx. kg/m ² /DFT	1,0 kg / m² / 150µm
Surface Preparation	Sa	SA2 ½ - SA 3
Surface Profile	µm	40
Temperature resistance dry (dry air oven)	°C	-20°C to +120°C
Temperature resistance wet (water)	°C	-20°C to 70°C
Resistance to water vapor diffusion	°C	≤ ΔT 30°C
Overcoating Waiting Time	hours/23°C	8-24
Chemical Curing	days	7-10
Linear Thermal Expansion	µm	n/a
Pore testing	Volts	67,5
Pendulum hardness acc. to König	6° sec	132
Shore D Hardness	Shore D	83
Adhesion Test	N/mm ² [MPa]	> 20
Salt spray test	hours	n/a
Impact Strength	mm (1 kg)	1000
Surface smoothness (Ra)	µm Ø 3 readings	0,72
Surface tension	mN/m	>28 <35
Abrasion resistance	mg/1000 r.	under examination
Crosscut	class	0
Heat conductivity Ø 12,7x2,0mm on C-Steel with 67,37 w/mK	W/mK	2,67