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Product name	Unit	SÄKAPHEN® HR 60® Extra G Black / Schwarz
Properties	-	Cold Cured Duroplast Coating
Resin base	-	Amine cured Epoxy system
Field of Application	-	For the lining of substrates requiring a smooth, low friction surface offering anti-static properties in potentially flammable areas. These can be found in Tanks, Silos, Funnels and Trays where flammable products are being stored or discharged. The lining is electrical conductive (electrical surface resistance is less than 10⁷Ω at 500 microns).
Cure Mechanism	-	Cold Cured Duroplast Coating
Quantity of components	-	2
Color	-	Black
Surface	-	Satin
General chemical resistance (All resistances have to be inquired separately!)	-	SÄKAPHEN HR 60 Extra G (Black) is chemically resistant to various acidic and strongly alkaline substances ranging from fuels and hydrocarbons to all types of water (including brackish, river and sea water and deionized water).
pH Range	pH	1-13
Wet Film Thickness per layer	µm	150
Total dry film thickness	µm	400-500
Coverage	approx. kg/m ² /DFT	1,3 kg / m² / 500µm
Surface Preparation	Sa	SA2 ½ - SA 3
Surface Profile	µm	40 - 60 µm
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	2000
Pendulum hardness acc. to König	6° sec	133
Shore D Hardness	Shore D	84
Adhesion Test	N/mm ² [MPa]	> 20
Salt spray test	hours	1250
Impact Strength	mm (1 kg)	550
Surface smoothness (Ra)	µm Ø 3 readings	0,3
Surface tension	mN/m	>28 <35
Taber Abrasion resistance, CS17 wheel, 1kg	mg/1000 r.	under examination
Crosscut	class	0
Heat conductivity Ø 12,7x2,0mm on C-Steel with 67,37 w/mK	W/mK	n/a