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Product name	Unit	<b>SÄKAPHEN® SÄKAFLAKE® 900 Topcoat 3K</b>
Properties	-	<b>Cold Cured Duroplast Coating</b>
Resin base	-	<b>Novolac Vinyl Ester, glass flake filled</b>
Field of Application	-	<b>For the coating of sealing surfaces where the connecting surfaces are coated with SÄKAPHEN® SÄKAFLAKE® 900 White 3K or SÄKAPHEN® SÄKAFLAKE® 900 Black 3K.</b>
Cure Mechanism	-	<b>Cold Cured Duroplast Coating</b>
Quantity of components	-	<b>3</b>
Color	-	<b>Green</b>
Surface	-	<b>Matt</b>
General chemical resistance <b>(All resistances have to be inquired separately!)</b>	-	<b>The coating distinguishes itself through high temperature- and diffusion resistance and excellent chemical resistance against aggressive substances such as acids, bases, solvents, salt solvents, fluegas and all types of water, including brackish, river and sea water as well as deionized water.</b>
pH Range	pH	<b>1-12</b>
Wet Film Thickness per layer	µm	<b>150</b>
Total dry film thickness	µm	<b>300</b>
Coverage	approx. kg/m <sup>2</sup> /DFT	<b>0,8 kg / m<sup>2</sup> / 300µm</b>
Surface Preparation	Sa	<b>SA2 ½ - SA 3</b>
Surface Profile	µm	<b>40 - 60 µm</b>
Temperature resistance dry (dry air oven)	°C	<b>-20°C to +180°C</b>
Temperature resistance wet (water)	°C	<b>-20°C to 100°C</b>
Resistance to water vapor diffusion	°C	<b>≤ ΔT 30°C</b>
Overcoating Waiting Time	hours/23°C	<b>min. 12 hours,</b>
Chemical Curing	days	<b>8</b>
Linear Thermal Expansion	µm	<b>n/a</b>
Pore testing	Volts	<b>67,5</b>
Pendulum hardness acc. to König	6° sec	<b>126</b>
Shore D Hardness	Shore D	<b>87</b>
Adhesion Test	N/mm <sup>2</sup> [MPa]	<b>&gt; 13</b>
Salt spray test	hours	<b>n/a</b>
Impact Strength	mm (1 kg)	<b>500</b>
Surface smoothness (Ra)	µm Ø 3 readings	<b>0,67</b>
Surface tension	mN/m	<b>&gt;35 &lt;38</b>
Taber Abrasion resistance, CS17 wheel, 1kg	mg/1000 r.	<b>under examination</b>
Crosscut	class	<b>0</b>
Heat conductivity Ø 12,7x2,0mm on C-Steel with 67,37 w/mK	W/mK	<b>n/a</b>