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Product Data Sheet



	Product name	Unit	SÄKAPHEN® Si 14® E/RE
	Properties	-	Cold Cured Duroplast Coating
	Resin base	-	Amine cured Epoxy system
η rne contents. ηγ.	Field of Application	-	Cold Cured repair material for SÄKAPHEN® Si 14® E
cy o	Cure Mechanism	-	Cold Cured Duroplast Coating
urar 3eri	Quantity of components	-	2
2K/0	Color	-	Green
dbe	Surface	-	Glossy
we do, nowever, not bear any responsibility for the accuracy of the contents «APHEN GmbH, Bottroper Straße 275, 45964 Gladbeck/Germany.	General chemical resistance (All resistances have to be inquired separately!)	-	Resistant to all types of water, including brackish, river and sea water as well as deionized water, various substances ranging from sour to strongly alkaline, inorganic salts and their solutions, fuels, acidic aqueous solution.
ttrc	pH Range	рН	1-13
er, r Bo	Wet Film Thickness per layer	μm	150
vev IbH	Total dry film thickness	μm	400-500
ge. we do, noweve SÄKAPHEN GmbH,	Coverage	approx. kg/m²/DFT	1,2 kg / m² / 500μm
Ne APF	Surface Preparation	Sa	SA2 ½ - SA 3
SÄK.	Surface Profile	μm	40 - 60 μm
sion of 9	Temperature resistance dry (dry air oven)	°C	-20°C to +120°C
correct to the best of our knowledge. ed without the prior permission of SÄK	Temperature resistance wet (water)	°C	-20°C to 70°C
rior	Resistance to water vapor diffusion	°C	≤ ∆T 30°C
ne p	Overcoating Waiting Time	hours/23°C	8-24
without the	Chemical Curing	days	7-10
thor	Linear Thermal Expansion	μm	VDE 0304: 4 x 10-6 K-1
wit e	Pore testing	Volts	2000
ced ced		6° sec	133
odu	Shore D Hardness	Shore D	84
reir spro	Adhesion Test	N/mm² [MPa]	> 20
a ne	Salt spray test	hours	1250
ay k	Impact Strength	mm (1 kg)	500
s conta	Surface smoothness (Ra)	μm Ø 3 readings	0,20
cun	Surface tension	mN/m	>28 <35
dat 3 do	Abrasion resistance	mg/1000 r.	under examination
this	Crosscut	class	0
o part of	Pendulum hardness acc. to König Shore D Hardness Adhesion Test Salt spray test Impact Strength Surface smoothness (Ra) Surface tension Abrasion resistance Crosscut Heat conductivity Ø 12,7x2,0mm on C-Steel with 67,37 w/mK	W/mK	n/a
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Edition Date: 01.01.2016

All recommendations contained herein are correct to the best of our knowledge. We do, however, not bear any responsibility for the accuracy of the contents.

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