

Novinox® PC01

In aqueous epoxy primer 2K

Guiding formulation/REF 160305ML3
WATEREPOXY 1455

Dry film thickness: **40 microns**
 Application over **CRS** (Bonderite 26S) using a spray gun
 Salt spray resistance **500hrs** according to the ASTM B-117

RAW-MATERIALS	% WEIGHT	DESCRIPTION	SUPPLIERS
<u>PART A</u>			
<i>Mix in the following order</i>			
WATEREPOXY 1455	28.0	Epoxy resin	BASF
NOPCO 8034	0.3	Defoamer	HENKEL NOPCO
SERAD FA 379	0.5	Anti flash rust	ELEMENTIS SPECIALITIES
NUOSPERSE W28	0.3	Dispersing agent	ELEMENTIS SPECIALITIES
WATER	10.0	Desionized water	
<i>Mix until homogeneous preparation</i>			
TiO ₂ TR92	4.0	Rutile	HUNSTMANN
Novinox® PC01	10.0	Anticorrosive pigment	SNCZ
YELLOW IRON OXIDE 3920	4.0	Tinting pigment	BAYER
TALC 10M2	5.0	Filler	IMERYS
MICA SOFT 15	5.0	filler	CMMP
<i>Dispersion for 30 minutes till 5 on a Hegman gauge</i>			
DOWANOL PMA	1.0	Glycol ester, solvent	DOW CHEMICALS
TEXANOL	0.5	Coalescent	EASTMAN
WATER	14.1	Desionized water	
<u>PART B</u>			
WATEREPOXY 751	5.3	Polyamidoamine hardener	BASF
WATER	12.0	Desionized water	
TOTAL WEIGHT	100		



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Properties

PVC % :	34.54
Solids % :	47.75
Volumic solids % :	33.84
Pigment/Binder ratio (vol) :	0.53

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