

Phosphinal PZ04

In SB epoxy amide primer 2K

Guiding formulation/REF 003078ML1 Dry film thickness: **50µm**
EPIKOTE 1001 ARADUR 115X70 Application over **CRS** using a spray gun
 Salt spray resistance **700hrs** according to the ASTM B-117

RAW-MATERIALS	% WEIGHT	DESCRIPTION	SUPPLIERS
<u>PART A</u>			
<i>Mix in the following order</i>			
EPIKOTE 1001/XYLENE 50/50 w/w	22.9	Epoxy resin	MOMENTIVE
SOLVESSO 100	7.2	Aromatic Hydrocarbon solvent	ELF ANTAR France
ISOBUTYLIC ALCOHOL	1.6	Solvent	SHELL
DOWANOL PMA	7.3	Glycol ester, solvent	DOW CHEMICALS
NUODEX 10% Ca	0.5	Dispersing agent	ELEMENTIS SPECIALTIES
BENTONE SD2	0.15	Rheologic additive	ELEMENTIS SPECIALTIES
<i>Mix until homogeneous preparation</i>			
TiO ₂ TR92	4.3	Rutile	HUNSTMANN
Phosphinal PZ04	8.0	Anticorrosive pigment	SNCZ
YELLOW IRON OXIDE 3920	4.7	Tinting pigment	BAYER
GREEN CHROMIUM OXIDE GN	0.4	Tinting pigment	BAYER
TALC 10M2	8.6	Filler	IMERYS
MICA SOFT 15	9.1	Filler	CMMP
THIXATROL ST	0.2	Thixotropic additive	ELEMENTIS SPECIALTIES
<i>Grind for 40 minutes till 5 on a Hegman gauge</i>			
BUTYL ACETATE	2.5	Ester, solvent	
CERECOR M50	2.4	Chlorinated paraffin, plasticizer	INEOS
DUOMEEN TDO	0.15	Cationic surfactant	AKZO CHEMIE
<u>PART B</u>			
XYLENE	5.3	Aromatic hydrocarbon solvent	ELF ANTAR FRANCE
EPILINK 230	0.3	Epoxy curing accelerator	AKZO CHEMIE
ARADUR 115 X70 BD	14.4	Polyamino-amides	HUNSTMAN
TOTAL WEIGHT	100		



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Properties

PVC % :	33.92
Solids % :	60.1
Volumic solids % :	43.07
Pigment/Binder ratio (vol) :	0.51