

# Zinc phosphate PZ20 in Styrene acrylic One coat – DIY system

**Guiding formulation/REF 016040ML5  
MAINCOTE 1100**

Dry film thickness: **65µm**  
Application over **CRS** using a spray gun  
Salt spray resistance **300hrs** according to the ASTM B-117

RAW-MATERIALS	% WEIGHT	DESCRIPTION	SUPPLIERS
<i>Mix in the following order</i>			
WATER	6.28	Deionised water	
AMP90	0.32	Neutralizing agent	ANGUS
NUOSPERSE W30	0.31	Dispersing agent	ELEMENTIS SPECIALITIES
BYK 024	0.22	Defoamer	BYK
SERAD FA 379	0.30	Flash rust inhibitor	ELEMENTIS SPECIALITIES
DOWANOL DPM	1.12	Solvent, coalescent	DOW
<i>Mix until homogeneous preparation</i>			
TiO <sub>2</sub> RTC90	16.70	Rutile	HUNSTMANN
DURCAL 2	2.10	Calcium carbonate	OMYA
<b>Zinc Phosphate PZ20</b>	<b>10.50</b>	<b>Anticorrosive pigment</b>	<b>SNCZ</b>
<i>Mill grind 40 minutes through 6 on a Hegman gauge</i>			
WATER	2.10	Deionised water	
TEXANOL	1.79	Solvent, coalescent	EASTMAN
BYK 024	0.24	Defoamer	BYK
MAINCOTE 1100	56.98	Styrene acrylic	DOW
ACRYSOL RM 2020	1.04	Thickener	DOW
<b>TOTAL WEIGHT</b>	<b>100</b>		



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### Properties

PVC % :	22.92
Solids % :	59.38
Volumic solids % :	46.30
Pigment/Binder ratio (vol) :	0.30
VOC g/L :	<100

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