

Zinc Phosphate PZ20

in WB alkyd emulsion primer

Guiding formulation/REF 016040ML7
HALWEDROL OX48 40W

Dry film thickness: **65µm**
Application over **CRS** using a spray gun
Salt spray resistance **200hrs** according to the ASTM B-117

RAW-MATERIALS	% WEIGHT	DESCRIPTION	SUPPLIERS
<i>Mix in the following order</i>			
WATER	11.00	Deionised water	
AMP90	0.30	Neutralizing agent	ANGUS CHEMICAL
NUOSPERSE W30	0.30	Dispersing agent	ELEMENTIS SPECIALTIES
BYK 024	0.20	Defoamer	BYK CHEMIE
SERAD FA 379	0.30	Flash rust inhibitor	ELEMENTIS SPECIALTIES
DOWANOL DPM	1.05	Solvent, coalescent	DOW
<i>mix until homogeneous preparation</i>			
TiO ₂ TR92h	4.50	Rutile	HUNSTMANN
3922 YELLOW IRON OXIDE	4.50	Iron oxide, tinting pigment	BAYER
DURCAL 2	1.00	Calcium carbonate	OMYA
Zinc Phosphate PZ20	10.00	Anticorrosive pigment	SNCZ
TALC 10MO	3.60	Talc	IMERYS
MICASOFT15	1.80	Mica	CMMP
AEROSIL R972	0.50	Fumed silica	EVONIK
<i>mill grind 30 minutes till 6 on a Hegman gauge</i>			
WATER	1.65	Deionised water	
TEXANOL	1.7	Solvent, coalescent	EASTMAN
BYK 024	0.20	Defoamer	BYK CHEMIE
OCTA SOLIGEN 144A AQUA	1.40	Drier	OMG BORCHERS
HALWEDROL OX48 40W	54.8	Alkyd emulsion	DSM
ACRYSOL RM2020	0.90	Thickener	DOW
ACININ ANTISKIN 0445	0.20	Antiskin	OMG BORCHERS
TOTAL WEIGHT	100		



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Properties

PVC % :	25.27
Solids % :	49.18
Volumic solids % :	37.53
Pigment/Binder ratio (vol) :	0.34
VOC g/L :	<100