

# Zinc Phosphate PZ20

## in wash primer 1K

Guiding formulation/REF 02067PY2  
MOWITAL B30H

Dry film thickness: **20µm**  
Application over CRS using a spray gun  
Salt spray resistance **300hrs** according to the ASTM B-117

RAW-MATERIALS	% WEIGHT	DESCRIPTION	SUPPLIERS
---------------	----------	-------------	-----------

*Mix in the following order*

### SOLUTION A

PHENODUR PR 723	4.70	Phenolic binder	ALLNEX
DOWANOL PM	17.10	Glycol ether, solvent	DOW
SURFYNOL 104	0.40	Dispersing agent	AIR PRODUCT
<b>Zinc Phosphate PZ20</b>	<b>8.50</b>	<b>anticorrosive pigment</b>	<b>SNCZ</b>
RED IRON OXIDE 130M	6.50	Tinting pigment	BAYER
TALC 10M2	3.60	Filler	IMERYS
LANCO PE1500F	0.05	Polyethylene wax	LUBRIZOL

*mill grind for 1h through 7 on a Hegman gauge*

### SOLUTION B

ETHANOL	18.00	Solvent	
DOWANOL PM	1.10	Glycol ether, solvent	
MIBK	4.70	Methylisobutylketone, solvent	
ISOPROPYLIC ALCOHOL	12.75	Solvent	
ISOBUTYLIC ALCOHOL	3.50	Solvent	
MOWITAL B30H	8.80	Polyvinylbutyral binder	KURARAY

*Mix Until homogeneous solution*

### SOLUTION C

CHROMIUM TRIOXIDE CrO <sub>3</sub>	0.30
WATER	3.40

### SOLUTION D

80% PHOSPHORIC ACID	0.70
ACETONE	5.90

**TOTAL WEIGHT 100**

**Preparation :** add Solution C with solution D. Allow 30min to induce the reaction. Mix solution A with solution B. Then Mix Solution CD with solution AB. The paint is ready to be packed. For maximum efficiency allow 24h before use



45/49, Chaussée Jules César – F-95250 Beauchamp

Technical support : [tech.support@sncz.net](mailto:tech.support@sncz.net)

Tél : +33 1 30 40 57 57

[www.sncz.com](http://www.sncz.com)

### Properties

PVC % :	<b>32.43</b>
Solids % :	<b>31.10</b>
Volumic solids % :	<b>16.65</b>
Pigment/Binder ratio (vol) :	<b>0.48</b>