

# Zinc Phosphate PZ20 in WB Epoxy 2K

Guiding formulation/REF 160305ML1  
WATEREPOXY 1455

ZINC PHOSPHATES

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

| RAW-MATERIALS                                          | % WEIGHT     | DESCRIPTION                  | SUPPLIERS   |
|--------------------------------------------------------|--------------|------------------------------|-------------|
| <b>PART A</b>                                          |              |                              |             |
| <b>Mix in the following order</b>                      |              |                              |             |
| WATEREPOXY 1455                                        | 28.00        | Epoxy resin                  | BASF        |
| NOPCO 8034                                             | 0.30         | Defoamer                     | NOPCO       |
| SERAD FA 379                                           | 0.50         | Antiflash rust               | ELEMENTIS   |
| NUOSPERSE W28                                          | 0.30         | Dispersing agent             | ELEMENTIS   |
| WATER                                                  | 10.00        | Deionized water              |             |
| <i>mix until homogeneous preparation</i>               |              |                              |             |
| TiO <sub>2</sub> TR92                                  | 4.00         | Titanium dioxide rutile      | VENATOR     |
| <b>ZINC PHOSPHATE PZ20</b>                             | <b>10.00</b> | <b>Anticorrosion pigment</b> | <b>SNCZ</b> |
| BAYFERROX 3920                                         | 4.00         | Tinting pigment              | LANXESS     |
| TALC 10M2                                              | 5.00         | Filler                       | IMERYS      |
| MICA SOFT 15                                           | 5.00         | Filler                       | CMMP        |
| <i>Dispersion for 30 min. till 5 on a Hegman gauge</i> |              |                              |             |
| DOWANOL PMA                                            | 1.00         | Glycol ester, solvent        | DOW         |
| TEXANOL                                                | 0.50         | Coalescent                   | EASTMAN     |
| WATER                                                  | 14.10        |                              |             |
| <b>PART B</b>                                          |              |                              |             |
| WATEREPOXY 751                                         | 5.30         | Polyamidoamine hardener      | BASF        |
| WATER                                                  | 12.00        | Deionized water              |             |
| <b>TOTAL WEIGHT</b>                                    | <b>100</b>   |                              |             |



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## Properties :

|                             |       |
|-----------------------------|-------|
| PVC % :                     | 32.85 |
| Solids % :                  | 47.75 |
| Volumic solids % :          | 33.28 |
| Pigment/Binder ratio (vol.) | 0.49  |



The information herein is general information designed to assist customers in determining whether our products are suitable for their applications. We require customers to check the suitability of our products for their specific application. We cannot accept liability for the application and processing of our products where it lies out of our control.

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