**Heubach formulation No. 716-12**

### FUNCTION | PRODUCT | PRODUCER | PBW
--- | --- | --- | ---
Demi. water |  |  | 8.10
Wetting agent | Tergitol 15-S-40 | Dow | 0.15
Wetting agent | Orotan 165 | Dow | 0.70
Glycol ether | Dowanol PM | Dow | 1.25
Defoamer | Byk-023 | Byk-Chemie | 0.20
Titanium dioxide | Tioxide TR-92 | Huntsman | 14.70
Anticorrosive pigment | HEUCOPHOS® ZAM-PLUS | Heubach | 3.90
Corrosion inhibitor | HEUCORIN® RZ | Heubach | 0.35
Iron oxide black | Bayferrox 318 M | Lanxess | 0.25
Flash-rust inhibitor | Nalzin FA 379 | Elementis | 0.20

**Grind with a bead mill.**

| FUNCTION | PRODUCT | PRODUCER | PBW |
--- | --- | --- | --- |
Demi. water |  |  | 6.50 |
Defoamer | Byk-024 | Byk-Chemie | 0.15 |
PU-thickener | Acrysol SCT-275 | Dow | 0.40 |
Ester alcohol | Texanol | Eastman | 2.50 |
Wetting agent | Tergitol 15-S-40 | Dow | 0.95 |
Levelling agent | Byk-349 | Byk-Chemie | 0.20 |
Acrylic emulsion | Maincote 1200, 43% | Dow | 58.25 |
Glycol ether | Dowanol PM | Dow | 1.25 |

**Add to the grind.**

**SPECIFICATIONS**

| Anticorrosive pigment reg. pigment/filler | 18.9 |
| PVC in % | 16.5 |
| PVC / CPVC | 0.3 |
HEUCOPHOS® ZAM-PLUS / HEUCORIN® RZ

In direct to metal one coat

Water based

Heubach formulation No. 716-12 07/13

<table>
<thead>
<tr>
<th>SPECIFICATIONS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Solids in %</td>
<td>44.3</td>
</tr>
</tbody>
</table>

*® — Registered trademark of Heubach GmbH. Our product specific and application information are based upon our current knowledge. They are non-binding and cannot be taken as a guarantee. The processing company must establish the suitability of individual products itself. As their use lies beyond our knowledge and control, we cannot accept any liability relating to the use of our products in particular applications. In addition to that, the legal rights of third parties must always be considered. The specification agreed between the customer and ourselves is the basis upon which our general sales and delivery conditions are set and is the deciding factor concerning any liabilities. Our standard specification is then valid if no specification has been agreed upon between the customer and ourselves.