

in Alkyd emulsion

Water based coatings

Sudarshan formulation No. 890-07

Rev. Number: 01.01

04/18

| Function | Product | Producer | PBW |
|--|------------------------------------|-----------|--------|
| Alkyd emulsion | RESYDROL® AZ 436w/45WA | Allnex | 57.20 |
| Neutralizing agent | Ammonia, 10% | | 0.80 |
| Drier | ADDITOL® VXW 4940, 50% demi. water | Allnex | 1.30 |
| Antiskinning agent | ADDITOL® XL 297 | Allnex | 0.30 |
| Substrate wetting agent | SURFYNOL® SE-F | Evonik | 0.30 |
| Defoamer | ADDITOL® VXW 4973 | Allnex | 0.30 |
| | Demi. water | | 13.10 |
| Premix. | | | |
| Anticorrosive pigment | HEUCOPHOS® ZAM-PLUS | Sudarshan | 5.50 |
| Corrosion inhibitor | HEUCORIN® RZ | Sudarshan | 0.60 |
| Magnesium silicate | FINNTALC M05N | Elementis | 7.60 |
| Calcium carbonate | DURCAL 2 | Omya | 5.10 |
| Iron oxide red pigment | BAYFERROX® 130 M | LANXESS | 7.20 |
| Grind with a bead mill. | | | |
| Rheology modifier | RHEOLATE® 255 | Elementis | 0.70 |
| Add to the grind. | | | |
| | | | 100.00 |
| Adjust pH 9.0 - 9.5 with AMP-90. | | | |
| Specifications | | | |
| Vol.-% Anticorrosive pigment reg. pigment/filler | | | 22.0 |
| PVC in % | | | 24.8 |
| PVC / CPVC | | | 0.5 |
| Solids in % | | | 51.8 |

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