

## in 1K Polyurethane

Water based coatings

Sudarshan formulation No. 1049-07

Rev. Number: 01.01

05/24

| Function                | Product                                | Producer     | PBW   |
|-------------------------|----------------------------------------|--------------|-------|
| Polyurethane dispersion | DAOTAN® TW 1250/39WAMPP                | Allnex       | 65.00 |
| Neutralizing agent      | Ammonia, 25%                           |              | 0.30  |
| Neutralizing agent      | AMP-90™                                | ANGUS Chemie | 0.20  |
|                         | Demi. water                            |              | 7.50  |
| Substrate wetting agent | SURFYNOL® SE-F                         | Evonik       | 0.30  |
| Defoamer                | ADDITOL® XW 372 N                      | Allnex       | 0.40  |
| Premix.                 |                                        |              |       |
| Anticorrosive pigment   | HEUCOPHOS® ZAM-PLUS                    | Sudarshan    | 6.95  |
| Magnesium silicate      | FINNTALC M05N                          | Elementis    | 6.55  |
| Calcium carbonate       | DURCAL 2                               | Omya         | 3.05  |
| Iron oxide red pigment  | BAYFERROX® 130 M                       | LANXESS      | 7.55  |
| Drier                   | ADDITOL® dry CF100                     | Allnex       | 0.20  |
| Grind with a bead mill. |                                        |              |       |
| Rheology modifier       | Borchi® Gel L 75 N, 1:5 in demi. water | Borchers     | 2.00  |
| Add while stirring.     |                                        |              |       |

100.00

| Specifications                                   |      |
|--------------------------------------------------|------|
| Vol.-% Anticorrosive pigment reg. pigment/filler | 28.3 |
| PVC in %                                         | 24.1 |
| PVC / CPVC                                       | 0.5  |
| Solids in %                                      | 50.6 |

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