



## SILLITIN Z 86

SiO<sub>2</sub> – Al<sub>2</sub> [(OH)<sub>4</sub>Si<sub>2</sub>O<sub>5</sub>] mixture  
 Silica Kaolinite

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Delivery form: Powder

Storage stability: Unlimited

| Characteristics                                                  | Test method  | Based on                  | Specification             |
|------------------------------------------------------------------|--------------|---------------------------|---------------------------|
| Color value L*<br>b*                                             | UGR-PV/PT/69 | DIN 5033                  | 93.0 – 94.5<br>7.0 – 12.0 |
| Residue > 40 µm                                                  | UGR-PV/PT/43 | DIN EN ISO 787<br>part 18 | ≤ 60 mg/kg                |
| Volatile matter at 105 °C<br>RT 20 °C / RH 50 %                  | UGR-PV/PT/41 | DIN EN ISO 787<br>part 2  | ≤ 0.8 %                   |
| Particle size distribution<br>D <sub>50</sub><br>D <sub>97</sub> | UGR-PV/PT/72 | ISO 13320                 | ≤ 2.4 µm<br>≤ 10.5 µm     |
| pH value                                                         | UGR-PV/PT/61 | DIN EN ISO 787<br>part 9  | 7.0 – 9.2                 |
| Air-jet screening method<br>> 125 µm                             | UGR-PV/PT/84 | DIN EN ISO 4610           | ≤ 0.3 %                   |
| Electrical conductivity                                          | UGR-PV/PT/57 | DIN EN ISO 787<br>part 14 | ≤ 100 µS/cm               |

Approved by: Dr. Mikhail Meilikhov, Head of Research & Development  
 For further information or questions you are invited to contact us by [erq-mineral@hoffmann-mineral.com](mailto:erq-mineral@hoffmann-mineral.com).