

## TITANIUM DIOXIDE RC 86

### Type

RC 86 is a micronized rutile pigment produced by the sulphate process in Cinkarna Celje, Slovenia. The pigment is lattice – stabilized with alumina and surface treated with aluminium and silicon compounds. The pigment is high surface treated and enhance an excellent hiding power, high durability so as light and weather stability, especially in high PVC and excellent dispersibility.

### Applications

- dispersion paints (interior and exterior)
- aqueous and solvent flat paints – low gloss
- paper coatings with outstanding dry flat hiding effect
- wallpaper coatings
- silicon paints

### Technical data parameter

|                                    |                        |                 |
|------------------------------------|------------------------|-----------------|
| <b>TiO<sub>2</sub> content</b>     | min 80.0 %             | ISO 591-1*      |
| <b>Classification</b>              | R3                     | ISO 591         |
| <b>Oil absorption</b>              | 36 g/100 g – 43 g/100g | ISO 787-5       |
| <b>Loss on drying at 105 °C **</b> | max 1.5 %              | ISO 787-2       |
| <b>pH</b>                          | 8.0 – 9.5              | ISO 787-9       |
| <b>Sieve residue (µm40)</b>        | max 0.01 %             | ISO 787-7       |
| <b>CIE Lab (powder)</b>            |                        |                 |
| <b>L*</b>                          | min 98.0               | Internal Method |
| <b>b*</b>                          | max 2.0                | Internal Method |

\* - XRF determination controlled by ISO 591-1

\*\* - at packing

### Packaging

- 15 kg multiply paper sacks, packed 45 sacks per pallet, wrapped with stretch-hood foil, suitable for recycling.
- Big bags up to 650 kg
- Bulk road tankers containing up to 23 t by request.