



Titanium dioxide



RC 833

AVAILABLE ALSO AS
**TMP
FREE**

RC 833 grade is produced by the sulphate process. Narrow particle size distribution is controlled by advanced dry grinding and wet milling technology, which has a beneficial effect on improving the optical properties of the pigment, such as opacity and gloss. Special inorganic surface treatment with alumina and zirconia and additional organic surface treatment are designed to guarantee excellent dispersion properties of RC 833.

FIELDS OF APPLICATION

- Decorative coatings (water and solvent base)
- Dispersion paints (exterior, interior)
- Industrial coatings for a wide range of applications



EXCELLENT OPACITY | **GOOD COLOUR PERFORMANCE** | **OPTIMUM GLOSS** | **EXCELLENT DURABILITY** | **EXCELLENT DISPERSION**



ADVANTAGES

■ Improved opacity

Optimized mean particle size of primary particles is the basis for improved opacity of RC 833 which allows products to be produced with good optical performance even when thinner coatings are applied. High-quality decorative paints can thus be produced at lower costs.

■ Optimum gloss

By implementation of intensive grinding steps and optimized milling processes in production, the coarser pigment particle fractions are eliminated, resulting in higher gloss performance

■ Excellent dispersibility

By more intense grinding and milling processes, coarser particles are eliminated, which results in narrower particle size distribution and improved dispersibility of the pigment.

■ Outdoor durability

Special inorganic surface treatment with alumina and zirconia ensures high outdoor durability when used in a wide range of applications as changes in optical properties at light exposure (yellowing and drop in gloss) are noticeably lower.

■ Stability

The paint made from RC 833, which is produced by more intensive grinding and milling steps, will settle less due to the narrower TiO_2 particle size distribution and improved dispersing properties.

COMPLIANCE

By selecting suitable raw materials for production, we make sure that our products comply with legislation.

SAFETY, HEALTH AND ENVIRONMENT

Dusting may occur when handling fine powders. Therefore, it is necessary to follow the instructions for handling such materials.

SALES

Tomaž Pevcin
+ 386 (0) 3 427 62 79
tomaz.pevcin@cinkarna.si

Andrej Perc
+ 386 (0) 3 427 62 32
andrej.perc@cinkarna.si

Marta Sevcnikar
+ 386 (0) 3 427 62 43
marta.sevcnikar@cinkarna.si

TECHNICAL INFORMATION

Igor Kolenc
+ 386 (0) 3 427 65 77
igor.kolenc@cinkarna.si



Cinkarna Celje, d.d.
Kidričeva 26
3001 Celje, Slovenia
www.cinkarna.si

