



Titanium dioxide



CINKARNA

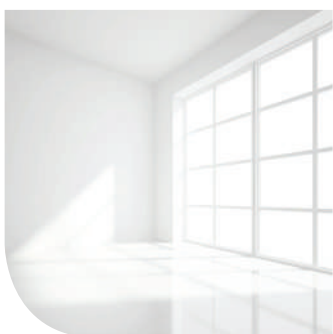
www.cinkarna.si

Cinkarna Celje, d.d., is a modern Slovene chemical company operating in accordance with the best available technologies. Our activities focus on the production and marketing of the titanium dioxide pigment. We manufacture the pigment and ultra fine form of this substance. The latter is becoming increasingly more important as modern technologies are being developed.

Beside our main product TiO₂, we produce a wide range of other products: zinc products (zinc wire, zinc alloys), sulfuric acid, agricultural products (fungicides, soil, fertilizers, etc.), construction products (adhesives, mortars, plasters, pavements, jointing compounds, etc.), masterbatches, powder coatings, PTFE processing, printing inks, etc.

Our name was kept in honor of the zinc smelting plant established in 1873 and closed down in 1973. Cinkarna is committed to meeting the expectations of the buyers and the environment. We are in step with the greatest challenges of modern times, such as integrated pollution control and prevention, the increasing need for new materials and technologies, rational energy consumption, and the transition to renewable energy sources. The production in its mature phase is upgraded with improvements created in our own laboratories, and new technologies are developed in cooperation with renowned Slovene scientific research institutions. We implemented an integrated management system which enables the conformity of our operations with ISO 9001, ISO 14001, and BS OHSAS 18001 standards. A part of our production is also entered into the EMAS register.

The key to Cinkarna's success are its employees who are overcoming all development periods with their knowledge and experience as well as with their market-oriented vision. Our sense of belonging and innovative spirit ensures that the company is successfully continuing its business path in the 21st century. Nearly 1000 employees who collectively generate annual revenue of more than 180 million euros contribute to the success of the company. Over eighty percent of our total sales are realized in demanding global markets.



Types of pigment TiO_2 produced by CINKARNA CELJE

RC 82 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. Dispersion paints, industrial and decorative coatings, primers, wallpaper coatings, plaster paints based on synthetic resins, road marking paints, powder coatings, coloured decorative papers, carton-paper coatings, PVC-hard, interior, electrodes, tiles.

RC 84 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. In comparison with RC 82 the pigment shows better light and weather stability also for external use especially by higher PVC range. Dispersion paints (interior and exterior), wallpaper coatings, plasters, plaster paints, plaster paints based on synthetic resins, silicate paints and plasters, silicon paints, leveling products, mastics and sealants, carton-paper coatings, road marking paints, white concrete, electrodes.

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 silica compounds. The pigment is high surface treated and enhances an excellent hiding power, high durability, excellent disperbility and also light and weather stability, especially in high PVC. Dispersion paints (interior and exterior), aqueous and solvent atpaints - low gloss, paper coatings with outstanding dry flat hiding effect, wallpaper coatings, silicon paints.

RC 813 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 compounds. A special organic treatment provides excellent dispersion. RC 813 features very good optical properties and especially high grade of gloss and hiding power. High gloss dispersions, industrial and decorative coatings, radiator paints, coil-coatings, domestic appliance nishes, package lacquers, carton-paper coatings, masterbatches, printing inks.

RC 818 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 compounds. Organic treatment with special organic treatment provides good hydrophobic properties, good dispersibility and no dust by the processing of plastics. Masterbatches, PVC, interior, indoor plastics.

RC 823 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. A special organic treatment provides excellent dispersion and high grade of gloss. Dispersion paints (exterior, interior), industrial and decorative coatings (water and solvent base), package laquers, primers, powder coatings (exterior, interior), masterbatches, plaster paints, leveling products.

RC 833 is a micronized rutile pigment produced in CINKARNA CELJE - SLOVENIA. The pigment is lattice-stabilized with alumina and surface-treated with aluminium and zirconium compounds. The pigment RC 833 possesses enhanced hydrophilic properties due to a special organic treatment. It belongs to the »HIGH-DURABILITY« class. Dispersion paints (exterior, interior), industrial and decorative coatings (water and solvent base), high gloss dispersions, radiator paints, coil-coatings, domestic appliance nishes, powder coatings (exterior, interior), plaster paints, plaster paints based on synthetic resins.