

Concrete Pigment

Product Description

EKAN® COLOUR R is an iron oxide pigment used in integral concrete coloring. It is used for giving the mass of concrete and concrete surfaces a red colour. It should be added to the manufacturing phase of concrete due to its powder form.

EKAN® COLOUR R does not have a negative impact on the durability of concrete. Since it does not affect the concrete setting time negatively, **EKAN® COLOUR R** can be applied before the pumping stage in all weather conditions.

EKAN® COLOUR R's special formula is not toxicant, therefore is compatible for the manufacturing of all types of concrete.

Technical Data

- Appearance: Powder
- Colour: Red
- Density: 0,7 - 1,1 g/cm³
- pH: 3 - 7
- Humidity: < 1%
- Particle size: 0,17µm
- Water dispersible salts: < 0,3%

Packaging

- Paper bag: 25 kg

Application Guidelines

Compatibility

- Every cement type (except for aluminous cement)
- Readymix concrete
- Reinforced concrete
- Precast concrete
- Prefabricated concrete components

Application

Dosage: 3 kg – 6 kg per 100 kg cement.
Recommended dosage is 4,5% per cement.

Optimum dose of **EKAN® COLOUR R** should be established after local tests considering expected colour tone of the concrete finish.

EKAN® COLOUR R is fully water-soluble. For best performance, it is recommended to add the product directly to the mixer.

For detailed informations please contact with EKAN sales representatives.

Measures

- **EKAN® COLOUR R**'s shelf life is 12 months when stored in its original package in a dry place away from direct sunlight.
- After a long idle period, **EKAN® COLOUR R** can be used in case it is not frozen or clumped.
- Avoid contact with eyes and skin. Detailed health and safety information is available in the Material Safety Data Sheet (MSDS).