

Iron Oxide Pigment

FEPREN TP303Edition
1.0 / 2015**Description**

Fine dry-milled pigment with very high tinting-strength, hiding power and good particle size distribution. Possessing high light fastness and heat resistance up to 800 °C, is both alkali and weather resistant.

Application

Suitable for the production of paints, including primers, powder coatings, undercoats and fillers, in the building industry for cement-based plaster mixtures, the colouring of concrete products such as roof tiles, terrazzo, and coloured floor tiles. Can be also used for the colouring of caoutchouc mixtures, plastics, floor coverings, for the production of ceramic colours, glass, and polishing aids.

Basic characteristics

Grade	Red pigment
Delivery form	Powder
Chemical substance	α Fe ₂ O ₃
Oil absorption	21 g/100 g
Classification ISO 1248	A I 2 a
Classification EN 12878	Pigment category B
EC Taric Code	2821 10 00
Specific gravity	5.0 g/cm ³
Bulk density	640 kg/m ³
Tamped density	1285 kg/m ³
CAS No.	1309-37-1
EINECS No.	215-168-2
Colour index	77491 Red 101
REACH Registration No.	01-2119457614-35-0004

Safety

Iron Oxide Pigments FEPREN are not classified as dangerous under the relevant EC Directives and are not dangerous according to transport regulations. FEPREN TP303 complies with the purity requirements on materials and articles intended to come into contact with food as well as with the European Standard EN 12878 for application in building industry.

This leaflet is a general guide to the properties and fields of potential application of FEPREN grades. Information on application are given in good faith and does not constitute any guarantee. For specific grade selection please contact Technical Service.