

Description

Fine dry-milled composite pigment with good tinting-strength and hiding power. Both alkali and weather resistant, possessing high light fastness and heat resistance up to approx. 160 °C.

Application

Suitable for the production of paints in both solvent-based and waterborne systems, e.g. air-drying, oil-bound and decorative, also for primers, undercoats and fillers. In the building industry, good for the production of cement based plaster mixtures, synthetic plasters, the colouring of concrete products such as roof tiles, terrazzo, and coloured floor tiles.

Basic characteristics

Grade	Orange pigment
Delivery form	Powder
Chemical substance	FeO(OH) and α Fe ₂ O ₃
Oil absorption	38 g/100 g
Classification ISO 1248	A I 3 a
Classification EN 12878	Pigment category A
EC Taric Code	2821 10 00
Specific gravity	4.8 g/cm ³
Bulk density	390 kg/m ³
Tamped density	560 kg/m ³
CAS No.	51274-00-1 and 1309-37-1
EINECS No.	257-098-5 and 215-168-2
Colour index	77492 and 77491

Safety

Iron Oxide Pigments FEPREN are not classified as dangerous under the relevant EC Directives and are not dangerous according to transport regulations ADR/RID. FEPREN OG975 complies with the purity requirements on materials and articles intended to come into contact with food. FEPREN OG975 complies 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.