

Iron Oxide Pigment

**FEPREN SHD430**Edition  
1.0 / 2015

**Description** Fine dry-milled composite pigments with very high tinting strength, hiding power and good light fastness. Heat resistant up to approx. 120 °C

**Application** Suitable for the production of paints, both primers, undercoats and fillers, used in the building industry in cement-based plaster mixtures, synthetic plasters, in the colouring of concrete products such as roof tiles, terrazzo, and coloured floor tiles. Can be also used for the colouring of caoutchouc mixtures and plastics.

<b>Basic characteristics</b>	Grade	Brown pigment
	Delivery form	Powder
	Chemical substance	$\alpha$ Fe <sub>2</sub> O <sub>3</sub> and Fe <sub>3</sub> O <sub>4</sub>
	Oil absorption	20 g/100 g
	Classification ISO 1248	A II 2 a
	Classification EN 12878	Pigment category A
	EC Taric Code	2821 10 00
	Specific gravity	5.1 g/cm <sup>3</sup>
	Bulk density	620 kg/m <sup>3</sup>
	Tamped density	1280 kg/m <sup>3</sup>
	CAS No.	1309-37-1 and 1317-61-9
	EINECS No.	215-168-2 and 215-277-5
	Colour index	77491 and 77499, Brown 43

**Safety** Iron Oxide Pigments FEPREN are not classified as dangerous under the relevant EC Directives and are not dangerous according to transport regulations. FEPREN SHD430 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.