

**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. 110 °C.

**Application**

Very good for the colouring of concrete products such as roof tiles, terrazzo, coloured floor tiles. Suitable for the production of cement-based plaster mixtures, synthetic plasters, coloured sands and transparent bitumen.

**Basic characteristics**

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>
Classification ISO 1248	A II 3 a
Classification EN 12878	Pigment category B
EC Taric Code	2821 10 00
Specific gravity	5.1 g/cm <sup>3</sup>
Bulk density	750 kg/m <sup>3</sup>
Tamped density	1180 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 ADR/RID. FEPREN HM470A 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.