

17280 Persian Red, Hormuz Iron Oxide Red

Pigment Red 102, C.I. 77491

Hormuz iron oxide red is one of the highest quality natural iron oxide red pigments worldwide. Industrial exploitation started in 1935 but the Hormuz red has already served as the principal iron oxide red in the Middle East for many centuries before.

One of the major characteristics of our Persian Red is its extremely high proportion of iron oxide red of 70 %.

The pigment has a very fine grain size of about 20 µm and may be used for all techniques.

Chemical Composition:

Na ₂ O	0.72 %	Al ₂ O ₃	3.54 %
MnO	0.19 %	TiO ₂	0,11 %
P ₂ O ₅	0.04 %	K ₂ O	0.75 %
MnO	0.13 %	BaO	n.a. %
Loss of ignition	8.51 %	SiO ₂	13.05 %
MgO	0.69 %	CaO	3.38 %
SO ₃	5.44 %		
Fe ₂ O ₃	70.8 %	-	

17020 Persian Yellow, Hormuz Iron Oxide Yellow Markazi

Pigment Yellow 43, C.I. 77492

Persian Yellow derives from a natural Limonite which can also be described as a slightly brownish natural Terra di Siena. Used with linseed oil the pigment serves as a glaze.

Persian Yellow has a very fine grain size of about 20 µm and may be used for all techniques.

Chemical Composition:

Fe ₂ O ₃	29.54 %	Al ₂ O ₃	6.01 %
Loss of ignition	14.82 %	SiO ₂	36.91 %
MgO	0.25 %	CaO	10.93 %
Total Fe ₂ O(OH)	44.36 %		