

TECHNICAL DATA SHEET

PRODUCT:

OXIRTEC – RED

APPLICATION: **OXIRTEC-RED** is an iron synthetic oxide powder for coloring hot mix asphalt for asphalt pavements resistant to UV exposition.

OXIRTEC-RED is easy to use thanks to the type of envelope consisting in easy-melting plastic bags that are introduced directly inside the mixer of the hot mix asphalt plant after 15 seconds from the introduction of the bitumen (after the bitumen has covered the aggregates). Afterwards it is necessary to mix for 20 seconds minimum. The Coloured Hot Mix Asphalt will be laid as normal asphalt.

OXIRTEC-RED is totally compatible with any kind of bitumen included modified one and clear binder.

OXIRTEC-RED is used normally for coloring parking areas and garages, bicycle lanes, traffic islands, bus lanes and any area where it is necessary to make a colored hot mix asphalt

DOSAGE:

A recommended dosage depends on raw materials characteristics and desired type of color. It is normally employed in dosages between 5% and 6% on the weight of the aggregates in case of normal bitumen or between 1,5% and 2,5% with clear binder.

CHEMICAL FAMILY:

OXIRTEC-RED is an iron synthetic oxide powder.

PHYSICAL AND CHEMICAL PROPERTIES:

Fe ₂ O ₃ content (%)	ISO1248/8	>95
Moisture (%)	ISO787/2	< 1,0
Water soluble Salts (%)	ISO787/3	< 0,3
Sieve residue on 45 µm Mesh (%)	ISO787/7	< 0,2
PH Value	ISO787/9	3,5 - 8,0
Oil Absorption	ISO787/5	15 - 25
Density (g/cm ³)	ISO787/10	5,0 ± 0,05
Tamped density (g/cm ³)	ISO787/11	1 ± 0,05
Particle shade		Spherical
Average Particle Size (µm)		~0,2

STORAGE:

Stable at room temperatures if stored in closed containers and at shadow.

PACKAGE:

OXIRTEC-RED is delivered in 25 Kg hot-melt plastic bags piled in 1000 kg pallets.

SAFETY:

This product should be handled with care. In order to avoid injuries, protective gloves, protective mask and safety goggles should be used. For further information, see our Safety Data Sheet.

The information contained herein is indicative only and without express guarantee. As no control can be exercised over its use, we cannot be held responsible for any damage which may result from its misuse.

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