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## redPAVE INORGANIC OXIDE FOR COLORED ASPHALT CONCRETE

### 1. APPLICATION

redPAVE is used as a pigment in the preparation of red asphalt concretes.

It is made of granules to avoid dust during transportation, handling and dosing.

redPAVE is formulated by combining pigments, polymers and special additives, the formulation makes the asphalt concrete more elastic, environmentally friendly and reduces production costs.

The red asphalt concretes produced with redPAVE are used to create nice architectural effects (pedestrian areas, driveways, sidewalks, bike paths, parking lots, sports fields, etc..) to raise traffic safety in hazardous areas (parking areas, crossings, emergency lanes, etc..) and to improve the visibility of the road surface (tunnels, etc.).

The production of asphalt concrete with redPAVE does not require any changes in the production line, in the technology and the traditional method of application.

It is recommended to use calcium carbonate as a filler in the mixture.

To obtain the maximum yield of the product, increase the mixing time by 15 seconds and use medium production temperatures between 300-340°F (150-170°C).

To extend the laying times, we suggest the use of ITERLOW T.

Before production, it is recommended to do an industrial trial run, because the chromatic effect can vary depending on materials and the processing method.

This product is designed for batch plants ONLY.

ITERLOW T is a special additive for the warm mix production (WMA), when added to the bitumen it allows to lower the temperatures of the mixes' elaboration and compaction, acting in the meantime as an antistripping agent. . The mix produced this way can be compacted on the road at a temperature between 195°F-210°F (90°C-100°C), with almost a total elimination of hot bitumen smoke and a considerable increase of the time line between the production and the application on the road of the mix itself.

## 2 DOSAGE

The dosage of the products is the following:

redPAVE 2% ÷ 5% on the weight of the aggregates, according to the shade to be obtained.

ITERLOW T from 0.2% - 0.5% on bitumen weight.

## 3. COMPOSITION

Iron oxide.

## 4. PHYSICAL PROPERTIES

Aspect	cylindrical granules
Colour	red
Apparent density	1,00 ÷ 1,25 g/ml
Fusion point	180°F (82°C) ÷ 230°F (110°C)



## 5. STORAGE

Sheltered from humidity and in its original package.

## 6. PACKAGE

In big bags of 2200 lbs (1000 kg) or in individually sized meltable bags as requested by the customer.

## 7. SAFETY PRECAUTIONS

See product's MSDS.

REV 06-18