



ColorFalt V Premium Red

Technical Data Sheet

Revision 2
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ColorFalt V Premium Red is a granulated product from **VentracO Chemie**. Designed specifically for use in the colored asphalt market that offers a non-dusting, free-flowing pigment which disperses rapidly in bitumen and resin systems, to give an excellent colour development.

ColorFalt V Premium Red is based on a low-melt EVA carrier manufactured using premium grade Red Iron Oxide. **ColorFalt V Premium Red** offers excellent light and weather fastness, and an environmentally friendly alternative to more traditional asphalt coloring systems.

Typical Properties	
Pigment	Diiron trioxide Fe ₂ O ₃
Pigment / additive content	60- 80%
Carrier	<=20% EVA / Malthene Blend
Granule shape	Cylindrical
Granule size (average)	3mm x 1mm
Preferred mixing temperature <i>For low-temperature applications asphalt plant is prepared to carry out tests</i>	> 90 °C
Density	4,05 gr/cm ³
Bulk density	1.200 – 1.600 kg /m ³
Softening point	90 – 120 °C

Characteristics	ColorFalt V Premium Red
Light Fastness (1% dosage measured on the <i>Blue Wool Scale</i> , DIN 53387-2-E; 500 hours)	8 (1-8)
Weather Fastness (1% dosage measured on the <i>ISO Grey Scale</i> , DIN 53387-1A-X; 3,000 hours)	4-5 (1-5)

Application:

Due to the nature of the polymer used in **ColorFalt V Premium Red**, the binder / bitumen will become modified and it should be regarded as such. The mixing time for the asphalt mix may have to be extended by a few seconds to allow full granule melt down, depending on the type of mixer and the asphalt gradation.

Important notice to the purchaser:

All statements, technical information and recommendations in this document are based on tests we believe to be reliable. This information is correct to the best of our knowledge and belief at the date of publication, but we do not warrant its accuracy. This information relates only to the material specifically mentioned and may not apply to such material if used in conjunction with any other materials or procedures.