



## ColorFalt V Red

### Technical Data Sheet

25th April 2019

**ColorFalt V 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 excellent color development.

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

Typical Properties	
Pigment	Red Iron Oxide
Pigment / additive content	80 %
Carrier	EVA
Granule shape	Cylindrical
Granule size (average)	3mm x 1mm
Melting point	90 – 120 °C

Characteristics	ColorFalt V Red
Light Fastness (1% dosage measured on the Blue Wool Scale, DIN 53387-2-E; 500 hours)	8
Weather Fastness (1% dosage measured on the ISO Grey Scale, DIN 53387-1A-X; 3,000 hours)	4-5
Heat Resistance (1% dosage with a residence time of 5 min.)	300 °C (DPA – 003)



Type	d=	Eenheid	Method
Specific gravity	4,05	kg/dm <sup>3</sup>	Internal
Specific gravity	3,95	kg/dm <sup>3</sup>	ASTM-D 153-84
Bulk density	2,05	kg/dm <sup>3</sup>	Internal

**Application:**

Due to the nature of the polymer used in **ColorFalt V 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.