



ColorFalt V Premium Black

Technical Data Sheet

01.07.2022

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

Typical Properties	
Pigment	Carbon Black (Amorphous)
Pigment / additive content	40 - 80%
Carrier	EVA
Granule shape	Cylindrical
Granule size	1-3 mm
Preferred mixing temperature <i>For low-temperature applications asphalt plant is prepared to carry out tests</i>	> 90 °C
Density	1.2 – 1.25 gr /cm ³
Bulk density	600- 900 kg /m ³
Softening point	90 – 120 °C
Conditions to avoid	> 145 °C (conversion into Fe ₂ O ₃)

Characteristics	ColorFalt V Premium Black
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 Black**, 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.