

**DESCRIPTION**

Designed specifically for use in the colored asphalt market, **PrePhalt V Red** is a granulated product from **Van Weezenbeek Specialties B.V.** that offers a non-dusting, free-flowing pigment that disperses rapidly in bitumen and resin systems, to give excellent color development.

Utilizing a low-melt EVA carrier, **PrePhalt V Red** is manufactured using premium grade synthetic iron oxide. By maximizing the iron oxide content in the granule, **PrePhalt V Red** offers excellent light and weather fastness, and an environmentally friendly alternative to more traditional asphalt coloring systems.

Another unique property of the PrePhalt V-Red is that it's a pre-dispersed pellet and develop 40-50% more color strength than powder pigment.

**TYPICAL PROPERTIES**

|                        | <u>Typical value</u>               | <u>Units</u> | <u>Standard</u> |
|------------------------|------------------------------------|--------------|-----------------|
| Melting Piont          | 90-120                             | °C           |                 |
| Carrier                | EVA                                |              |                 |
| Carrier Content %      | 18-22                              | %            | N.A.            |
| Pigment Content %      | 78-82                              | %            |                 |
| Pigment                | Red Fe <sub>2</sub> O <sub>3</sub> |              |                 |
| Granule shape          | Cylindrical                        |              |                 |
| Granule size (average) | 3mm x 1mm                          | mm           |                 |
| Light fastness         | 7-8                                | Full shade   |                 |
| Weather fastness       | 4-5                                | Full Shade   |                 |
|                        |                                    |              |                 |
|                        |                                    |              |                 |

**SAFETY PRECAUTIONS**

Please refer to the material safety data sheet (MSDS).

**STORAGE & STABILITY**

Store in a dry and cool location at ambient room temperature.

Shelf life is ≥2 years.

**DOSAGE IN ASPHALT**

2-4 m/m% of total asphalt mix.

**APPLICATION**

Due to the nature of the polymer used in **PrePhalt V Red**, the granule will become a modified asphalt, and it should be regarded as such. The mix time for the asphalt mix may have to be extended by a few seconds to allow full granule melt, depending on the type of asphalt mixer, the quantity of granule added, and the coarseness of the asphalt mix.

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**Important notice to purchaser:**

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## **TECHNICAL DATA SHEET**

*PrePhalt V-Red*

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