

Product Data Sheet

Vital Bon-Matt Stonewall (IGD)



Description

A multipurpose, water-based copolymer emulsion dust suppressant and erosion control agent designed for applications over numerous surfaces where strong, durable and flexible surface conditions are required. **Vital Bon-Matt Stonewall (IGD)** is a concentrated liquid emulsion which is diluted with water prior to application to create long-term binding and surface sealing.

Recommended Applications

All erosion/sediment control and dust suppression applications including haul roads, civil construction, unsealed roads, traffic areas, areas of soil erosion, broad acre areas, long-term sealing, tailing dams, rail wagon veneering and stockpile applications.

Suitable for use on traffic areas and areas of harsh environmental conditions.

Features

- Highly effective dust abatement;
- High wind speed resistance;
- Highly effective erosion control and stabilisation;
- Long-term capping;
- A strong, durable and flexible veneer over the applied surface;
- An environmentally safe product with inert degradation products;
- High molecular weight polymers.

Specifications

Appearance	GREEN LIQUID	Solubility (water)	SOLUBLE
Odour	SLIGHT ODOUR	Vapour pressure	NOT AVAILABLE
Flammability	NON FLAMMABLE	Upper explosion limit	NOT RELEVANT
Flash point	NOT RELEVANT	Lower explosion limit	NOT RELEVANT
Boiling point	NOT AVAILABLE	Partition coefficient	NOT AVAILABLE
Melting point	NOT AVAILABLE	Viscosity	NOT AVAILABLE
Evaporation rate	NOT AVAILABLE	Explosive properties	NOT AVAILABLE
Specific gravity	1.04 (Approximately)	Oxidising properties	NOT AVAILABLE
Vapour density	NOT AVAILABLE	Odour threshold	NOT AVAILABLE
Autoignition temperature	NOT AVAILABLE	pH	7.0 – 9.5
Decomposition temperature	NOT AVAILABLE		

Application Directions

Vital Bon-Matt Stonewall (IGD) is applied via water cart dribble bar, hand spray applications and spray nozzle veneering rail wagon systems. Cannon side sprays and hand spraying are effectively utilised for stockpile embankment and other erosion control applications.

It is preferable for road areas to be dressed prior to application for product and road longevity.

Water carts should be semi-filled with water prior to the addition of the **Vital Bon-Matt Stonewall (IGD)** concentrate. This order of filling assists mixing of product and water within the cart and ensures the concentrate does not fill the sprayer lines and dribble bar.

Vital Bon-Matt Stonewall (IGD) should not be applied before rain or wind events without allowing for appropriate drying time (4 to 6 hours).



Dilution Rates

Due to numerous variables associated with surface composition and the level of control required, it is not practical to list a standard application rate. Onsite analysis and assessment by our *Technical Representatives* will ensure the optimum application is employed for each individual site. However, it is essential to abide by the recommended dilution rates for all applications to ensure product efficiency and other factors such as site and environmental requirements are upheld.

A generalised surface coverage of diluted product equates to: **1L dilute : 1m² surface**

Maintenance

Maintenance will vary according to site specifications. Once effectiveness is reduced, more dilute **Vital Bon-Matt Stonewall (IGD)** applications can be employed if required for water cart and hand spray applications.

Cleaning of Water Cart and Pumps

Water cart pumps and application devices must be flushed with water immediately after **Vital Bon-Matt Stonewall (IGD)** application runs.

Shelf Life

Vital Bon-Matt Stonewall (IGD) should be stored at a temperature of min. +5°C to max. +45°C. Shelf life is approximately 12 months.

Vital Bon-Matt Stonewall (IGD) must be kept in closed drums/containers or closed tanks. Containers must be closed tightly to avoid contact with air, which can contribute to product contamination.

Do not keep pre-diluted product for longer than 2 days as the shelf life is drastically reduced once contaminants (such as water) are introduced.

Packaging

Vital Bon-Matt Stonewall (IGD) is supplied in 1,000L IBCs and bulk volumes.

Precautions

Vital Bon-Matt Stonewall (IGD) contains no hazardous substances requiring labelling. For more information, refer to Safety Data Sheet.

For any further product or application advice or instruction, contact Vital Chemical Pty Ltd.

Ensure product concentrate or solution is not sprayed, applied or enabled to enter waterways and water systems.

Contractors must undertake appropriate risk assessments to ensure the safe delivery of the product to the application area.

STATEMENT OF RESPONSIBILITY

The technical information and application advice given in the **Vital Chemical Pty Ltd** publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

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NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by **Vital Chemical Pty Ltd** either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not **Vital Chemical Pty Ltd**, are responsible for carrying out procedures appropriate to a specific application.

