

DM685

Vermiculite Dispersion

Description

Dupre Minerals' MicaShield is a stable, water based, dispersion of high aspect ratio platelets produced by the controlled exfoliation of specially selected vermiculite ores; vermiculite is the name given to a group of hydrated laminar aluminium-iron-magnesium silicate minerals. The MicaShield product range offers temperature resistant coatings up to 1100 °C that are non-flammable (unformulated) or, for formulated products incorporating organic additives, of limited flammability.

MicaShield products are safe and easy to use, non-toxic and environmentally-friendly. DM685 is a highly beneficiated, non-flammable, 100% inorganic, product.

It is commonly used to coat glass textiles where it is the main constituent of the cloth finish.

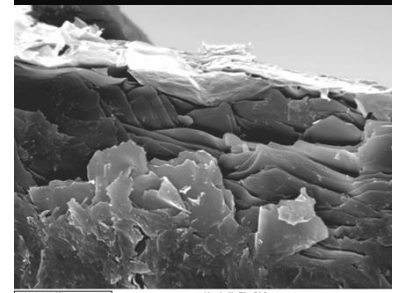
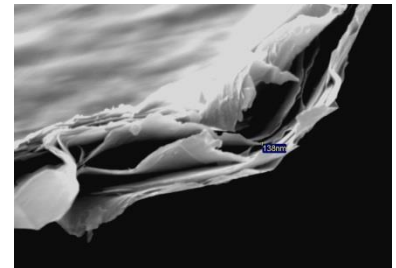


Why Use MICASHIELD?

- *Protective coating for Fibre Glass Textiles*
- *Flame and Heat Protective Barriers*
- *Specialist Films / Coatings*
- *Industrial Fireproofing for combustible building materials*

How to apply MICASHIELD

- *Conventional industrial textile coating techniques.*
- *Dilute with de-mineralised water to the appropriate solids content for the level of coating required.*
- *Brush or roller on to flat surfaces / spray on to large or difficult areas.*
- *It is the user's responsibility to establish the correct formulation and dilution for their process / application.*



Typical Properties

D ₉₀ (90% of particles less than)	175 µm	pH	~9
Solids Content	22.2 %	Organic Additives	0 %
Viscosity*	1767 cP	Colour	Gold / brown

*Brookfield viscometer, spindle No. 5 at 20 rpm.

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Information presented above is given in good faith as accurate and reliable but is not to be taken as a guarantee. The figures provided are intended to be a guide to expected average values and should not be interpreted as a specification. Any potential applications referred to are not to be construed as recommendations. It is the responsibility of the user to determine suitability for any specific purpose.

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