

PRODUCT NAME TEFCOTE STANDARD MATRIX**Product Function** To reinforce a paint film or surface coating.**Roll Size** 1000 mm x 250 m**Issue Date - May 1995****Characteristics**

Ref No. VRTD 021187/1

The matrix is a non-woven web-like felt of randomly dispersed glass fibres. The glass fibres are bonded by means of a binder compatible with emulsion and solvent base coating systems.

Application

Ref No. VRTD 021187/1

The matrix is designed for use as a reinforcement for paint films and other coating compounds, internally or externally, as a treatment to prevent the reappearance of fine plaster cracks or a consolidation medium for friable plaster surfaces.

The inclusion of a matrix will provide a surface which will outlast a non-reinforced surface by many years, according to independent tests conducted by the National Building Research Institute of the Council for Scientific and Industrial Research.

Technical Data

Ref No. VRTD 021187/1

Mass Per Unit Area:	30 gms per sq. metre
Fibre Diameter:	12.5 Microns
Binder Type:	Styrene-Acrylic
Binder Content:	7%
Nominal Thickness:	0.25 mm

Health & Safety

Ref No. VRFA 110191/1

At the present stage of scientific development, the glass fibre matrices produced do not cause either fibrogenesis or carcinogenesis due to the fact that this kind of glass fibre is exactly defined diameter. In the manufacturing process, this fibre is drawn from previously formed glass rods and exceeds 6 microns in diameter. Fibres of this size cannot be inhaled. The binder systems utilised to convert the fibre mass into a delicately bonded non woven membrane are generally non toxic enabling the material to be handled without the use of protective clothing, however, persons with a very sensitive skin may experience slight temporary irritation. Should this occur, washing with soap and cold water provides a simple remedy.

Storage & Handling

Ref No. VRTD 021187/1

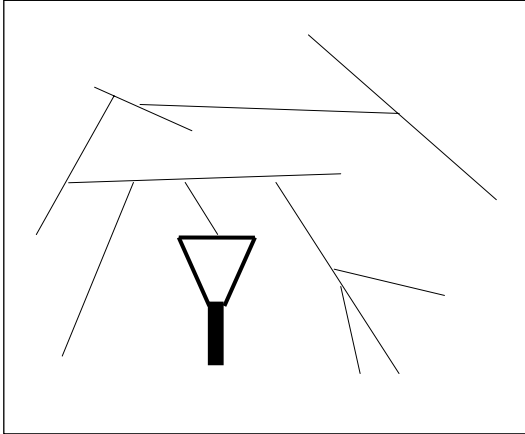
The product should be stored in cool dry conditions.

Note

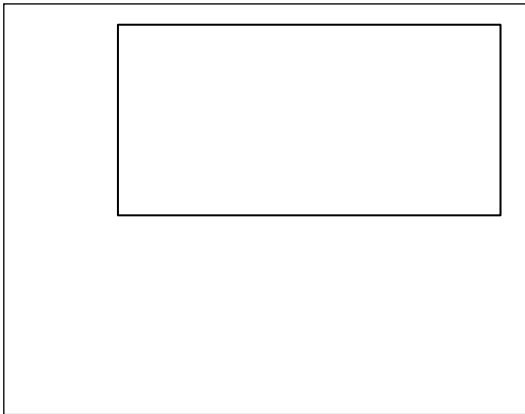
Ref No. VRTD 021187/1

It is important to realise that all water based paints are affected by atmospheric conditions. If cold or wet conditions apply, appropriate trials should be carried out. Factory applied water based coatings must be absolutely dry before components are put outside, particularly in the winter months (assisted drying may be needed).

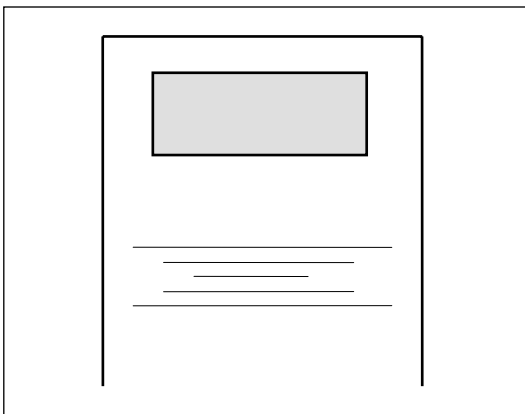
APPLICATION DATA



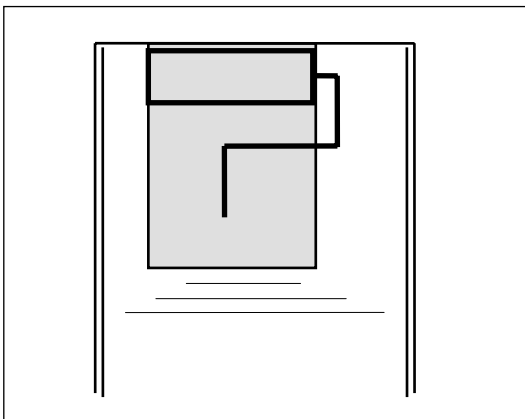
Surface preparation is of prime importance. Remove loose and flaking fragments from the surface, fill major cracks and smooth down. Deteriorating surfaces will require additional preparation.



Apply a horizontal stripe of Tefcote Fibre Armour to the surface on which to attach the reinforcing Tefcote Matrix.



Hang the reinforcing Tefcote Matrix from the painted strip ensuring an even drop and an overlapping of the succeeding drops of approx. 2 inches. Feather both edges of the Matrix.



Paint through the reinforcing matrix. This first generous coat of paint will adhere the matrix to the wall, as well as beginning to fill the pores of the matrix.

IMPORTANT - Ensure that the matrix is always in contact with the substrate. The use of a brush may be required to achieve this on rough and uneven surfaces.

To achieve the most durable finish the matrix must be completely covered with paint. Extra care should be taken when applying the first coat by brush to avoid “dragging” the fibres, a stippling action is recommended.