

FIBREGLASS FLAT ROOF AND VALLEY GUTTER REFURBISHMENT



FIBREGLASS ROOFS LAST FOREVER....!?

GRP Flat Roofs

Fibreglass Roofs provide a much better value for money solution from the 10-yearly replacement of some more traditional roofing systems.

However, not all fibreglass roofing systems are the same, and many "directly applied" methods to timber or other types of decks will often fail in just a few short years due to thermal and structural movement differential. This is why GRP Refurbishment Systems Limited, in partnership with Filon Products Limited, have developed the **FLEX-BASE™** specially prepared GRP sheet, which has been specifically designed to form the perfect base for all GRP roof coverings and gutter linings.

Before

During

After



The **ROOF-LINE®** GRP Flat Roofing system has been expressly designed to take all of these factors into account, and has an impressive track record. This is all due to the innovation of using a built up resin and fibreglass mat structure over the **FLEX-BASE™** sheet. **FLEX-BASE™** provides the unique opportunity to separate any type of deck from its GRP covering, and is compatible with most polyester resins. Utilising **FLEX-BASE™** in this manner, fixed with our own method of mobile anchors, eliminates the problems normally associated with failure of this type of structure, whilst better controlling the movement of moisture vapour. Finally, the application of a layer of clean chippings impregnated into the "gel" surface will eliminate ultraviolet radiation and reduce heat gain, ultimately extending the life of the roof covering for a period in excess of 100 years.

The unique method of fixing **FLEX-BASE™**, coupled with a variety of specifications and finishes, ensures that thermal and structural movement are taken into account, and even on metal, concrete or timber decks, the control of moisture vapour is catered for.

FLEX-TRIMST™ factory finished white Watercheck and Drip detail puts the finishing touch to the **ROOF-LINE®** system, providing both an expansion and contraction detail, reliable roof edge finish and aids the easy passage of moisture vapour.

GRP Gutter Linings

Fabricated in-situ gutter linings provide the ideal solution to leaking joints and undersized gutters when constructed using **FLEX-BASE™** sheeting as the semi-rigid nature of the sheet allows easy insertion between the gutter sides and the existing roof covering, reducing or eliminating the necessity of disturbing or removing sections of the roof.

Using the **GUTTER-LINE®** method of built up layers of **FLEX-BASE™** sheeting, resin, fibreglass mat and fillers, a finished base of stronger than steel on a weight for weight basis may be achieved with a life expectancy in excess of 30 years.



Gutter Linings



Non-slip gel surfaces are available for gutter linings to assist safe pedestrian access.

Only **FLEX-BASE™** specially prepared GRP flat sheet has been manufactured as the perfect base for the specific purposes of wet-lay up of fibreglass roof coverings and gutter linings, thus providing the greatest opportunity for high specification fabrications, offsetting the effects of thermal and structural movement and maintaining control of moisture vapour. **FLEX-BASE™** is compatible with most makes of resin and fibreglass mat given ideal site conditions, and a greater understanding of its uses may be obtained from the **ROOF-LINE®** GRP Practical Handbook available from GRP Refurbishment Systems Limited.

CITB Grant Approved Trainers
Course Number ZZBF/10752

Material Sales

Works carried out by licenced installers

GRP Refurbishment Systems Limited
PO Box 761 Bristol BS99 1ZT
Tel: 01275 833139 Fax 01275 834700
Email: grprefurbishment@btconnect.com
Web: www.grp-refurbishment-systems.co.uk

ROOF-LINE® and **GUTTER-LINE®** are registered marks by GRP Refurbishment Systems Ltd.