



## MIDA BIT

Glass fibre based waterproofing membranes

### Introduction

MIDA BIT V13b and V13s membranes are economical, glass reinforced waterproofing materials designed for use in built up systems adhered by hot or cold mastics. Suitable for both new build and remedial roofing applications, can be attached mechanically.

### Product Description

MIDA BIT V13b is a glass fibre based Cap sheet, saturated and coated with high quality bitumen and fillers. The membrane is finished with coarse – grained slate on its upper side and fine grained sand on the lower side.

MIDA BIT V13s is a glass fibre based Underlay saturated and coated with high quality bitumen and fillers. The membrane is protected with fine grained sand on both sides.

MIDA BIT glass reinforced membranes are reliable, environmentally friendly materials with excellent performance and economy characteristics. These products can be applied to all suitable types of substrates in built up waterproofing systems.

### Product Features

- Suitability for hot and cold mastic applications
- Cap sheet can be used to weatherproof sheds and other non-habitable buildings in single layer
- Can be mechanically attached
- Excellent quality glass fibre reinforcement

### Application

MIDA BIT V13s glass reinforced materials can be used as preparation layer in built up waterproofing systems. MIDA BIT V13b can be used as a Cap sheet in built up systems or as a single ply waterproofing in shed or other pitched roof non-habitable building applications.

MIDA BIT glass fibre membranes should be installed in accordance with BS 8217: 2005 Code of Practice for Reinforced bitumen membranes for roofing, constantly observing TechnoNICOL installation recommendations and guidance. MIDA BIT glass reinforced membranes are applied by traditional Pour and Roll methods onto previously prepared surface, clear of any debris or sharp projections, primers shall be used to prepare substrate for achieving most effective waterproofing longevity.

Membranes should be applied by traditional methods. Side laps must be minimum 75mm with end laps at minimum of 100 mm. The subsequent cap sheet layer should be offset 300 mm from the underlay to avoid build up of overlaps.

### Harmonised standard

**EN 13707:2004 + A2:2009**

### Health and Safety

Health and Safety should be observed at all times in accordance with HSE and Industry guidance. Specific Risk Assessments and Method Statements should be produced by contractors where necessary to ensure Working at Heights, Fire Safety and Manual Handling rules are compliant with current law and regulations. Health and safety data sheets are available for all materials on request from TechnoNICOL Technical Service Department.

### Availability

Product Name	Product Code	Roll Dimensions (m)	Weight (kg/m <sup>2</sup> )
MIDA BIT V13b	222880	10 x 1	3.8 ± 0.2
MIDA BIT V13s	215950	15 x 1	2.6 ± 0.25

### Performance and Key Properties

Properties	Test Method	Declared Performance	
		MIDA BIT V13b	MIDA BIT V13s
Reinforcement type and weight		Glass Fibre, 90 g/m <sup>2</sup>	Glass Fibre, 90 g/m <sup>2</sup>
Maximum tensile force L/T, N/50mm	EN 12311-1	400/300±100	400/300±100
Elongation, %	EN 12311-1	2.2/2.2±0.22	2.2/2.2±0.22
Resistance to tearing (nail shank), N	EN 12310-1	110/110±10	100/100±10
Flow resistance at elevated temp. °C	EN 1110	≥ 80	≥ 80
Flexibility at low temp. °C	EN 1109	≤ 0	≤ 0
Watertightness, kPa	EN 1928	10	10
Water vapour transmission properties	EN 1931	μ=20 000	μ=20 000
Reaction to fire	EN 13501-1	Class E	Class E

### Quality Assurance

MIDA BIT glass reinforced materials are manufactured following ISO 9001: 2008 Quality Management System and Environmental Management System approved to ISO 14001: 2004.