

This certificate is valid for Building Regulations & associated technical guidance in force on the date of registration and for the regulations in the countries indicated

Matrix Premium GRP Roofing System

Description of Product

This is an assessment of Matrix Premium GRP Roofing System, used for waterproofing of roofs.

A Matrix Premium roof is a single-ply GRP laminate consisting of Matrix Premium Roofing Resin and Reinforcement Chopped Strand Mat applied in situ over a good quality OSB3 deck. The roof is finished with pre-formed GRP edge trims and a coat of Matrix Premium Roofing Topcoat.

Premium Grade Roofing resins are manufactured to ISO 9001 and are fully guaranteed by the Manufacturers for 20 years. A Matrix Premium GRP roof can only be installed by specialist GRP Roofing Contractors who are sufficiently competent.

Installers are offered training courses by Matrix-roofing including requirements to be able to offer the Matrix Premium 20 year guarantee. Technical assistance is also available to contractors.



Key Factors Assessed

- Safety in case of Fire
- Health, Hygiene and Environmental
- Safety in Use
- Energy Economy and heat retention
- Durability serviceability and identification

Validity

This certificate was first issued on 14th March 2018 and is valid until 14th March 2022

Issue Dated 14th February 2019

Scope of Registration

The Matrix Premium GRP Flat Roof System relies on other construction products, materials and components to form a complete roof, balcony or walkway; overall compliance will therefore be dependent on final specification.

The Matrix Premium GRP Flat Roof System is fully bonded to the roof substrate and should resist wind suction likely to occur, provided the timber substrate is adequately fixed to the roof structure.

A GRP flat roof can be configured to satisfy cold roof or warm roof specifications.

A flat roofing system comprising of Matrix Premium GRP with Matrix Premium Roofing Topcoat when tested to BS476-3: 2004 was classified EXT.F.AA (no restrictions on use).

The Matrix GRP system has been tested by BBA in accordance with BS EN 1928 : 2000 Flexible sheets for waterproofing – Bitumen, plastic and rubber sheets for waterproofing – Determination of watertightness, Method A – all specimens passed with no leakages observed.

Conditions of Certificate

Site specific construction details will be required.

Matrix Premium GRP roof can only be installed by specialist GRP Roofing Contractors who are sufficiently competent to apply Premium Grade in accordance with the Matrix Guide to GRP Flat Roofing (MATRIX GRP Roofing Method Statement March 2015).

LABC consider that, Matrix Premium GRP Roofing System, will meet the functional requirements of the Building Regulations (listed below) if the criteria detailed in this certificate are met;



The Building Regulations 2010 (as amended) England & Wales

Regulation 7	Materials and workmanship
Note:	Subject to limitations detailed in Conditions section.
AD B	Fire Safety
Note:	The products are acceptable subject to comments contained in the Scope section.
AD C	Site preparation and resistance to contaminants and moisture
Note:	The products are acceptable subject to comments contained in the Scope section.
AD H	Drainage and Waste Disposal
Note:	Adequate provision shall be made for rainwater to be carried from the roof of the building.
AD L	Conservation of fuel and power
Note:	The thermal insulation performance of this system should be considered in the context of the contribution made to the overall performance of the roof structure.
AD M	Access to and Use of Buildings
Note:	The system is acceptable.



The Building Regulations 2010 (as amended) England

AD L	Conservation of fuel and power
Note:	The thermal insulation performance of this system should be considered in the context of the contribution made to the overall performance of the roof structure.



The Building Regulations 2010 (as amended) Wales

AD L	Conservation of fuel and power
Note:	The thermal insulation performance of this system should be considered in the context of the contribution made to the overall performance of the roof structure.



The Building (Scotland) Regulations 2004 (as amended)

If you would like to discuss a specific use of the product in Scotland it will require an additional assessment under the Scottish Building Regulations and accordingly you should contact the LABSS STAS Administrator at www.labss.org

Non-Regulatory Information



LABC Warranty

The use of the Matrix Premium GRP Roofing System has not been assessed to meet the requirements of the LABC Warranty Technical Manual. If you would like to discuss a specific use please make an enquiry to technical.services@labcwarranty.co.uk

Supporting Documentation

BS 476 Part 3 External Fire Exposure Roof Test 389130 - F.AA (Exova Warrington)

Review of Fire Test Report 389131 (Exova Warrington)

BS EN 1928 : 2000, Flexible sheets for waterproofing – Bitumen, plastic and rubber sheets for roof waterproofing –

Determination of watertightness (BBA Test Report No 61295 Issue 2)

MATRIX GRP Roofing Method Statement March 2015 (also available as an online guide)

MATRIX Roofing Cold Weather Guide January 2015

How to get the Warranty

MATRIX - Sample Warranty

Matrix Premium Technical Data Sheet – Mat

Matrix Premium Technical Data Sheet – Resin

Matrix Premium Technical Data Sheet – Topcoat

MATRIX Safety First - Transport Storage and Handling of Hazardous Materials

MATRIX Transport Emergency Card CEFIC TEC - 52GO1B 101990 Rev 2 Class 5.2 ADR It 13579

MATRIX Transport Emergency Card CEFIC TEC - 677B111991Class 3 ADR It.31c

MATRIX Transport Emergency Card Class 111a ADR Marg 23013o 3Y (UN No 1090)

Training Course 2 hr Notes

Distributor Course Notes

Contact Information

Matrix Composite Materials Company Ltd

2 Folly Lane

St Philips

Bristol

BS2 0RH

Tel: 0117 954 8040

Email: info@matrix-roofing.co.uk

Web: www.matrix-roofing.co.uk