

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

Diamond GRP Roofing System

Description of Product

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

A Diamond roof is a single-ply GRP laminate consisting of Diamond Resin and Reinforcement Chopped Strand Mat applied in situ over 18mm OSB3 deck. The roof is finished with pre-formed GRP edge trims and a coat of Diamond Topcoat. To achieve the BS 476 Part 3 – F.AC Fire Rating the Fire Retardant Topcoat with granulated finish must be used.

Diamond GRP Roofing System offer a 25 year guarantee on roofing materials.

Please consult the 'Conditions of Certificate' and 'Non-Regulatory Information' sections to see if the system is acceptable for use on sites covered by LABC Warranty.



Key Factors Assessed

- Mechanical Resistance & Stability
- 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 23rd November 2021 and is valid until 23rd November 2022

Issue Dated 23rd November 2021

Scope of Registration

It is recommended that the Diamond GRP Roofing System is installed by an experienced flat roofing professional.

An Installation & Troubleshooting Guide is available to contractors.

The Diamond GRP Roofing 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 Diamond GRP Roofing 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.

Conditions of Certificate

Site specific construction details will be required.

A Diamond GRP roof should only be installed by experienced Roofing Contractors who are sufficiently competent to apply the system in accordance with the manufacturer's details



LABC consider that, Diamond GRP Waterproofing 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) at the date of current issue

In England and Wales Regulation 7(1)	Materials and workmanship
In England: AD 7 (2018)	Materials and workmanship
In Wales: AD 7 (2020)	Materials and workmanship
Note:	Subject to the Scope of Registration and Conditions of Certificate.
In England: AD A (2013)	Structure
In Wales: AD A (2010)	Structure
Note:	The system is acceptable.
In England: AD B1 (2020)	Fire Safety Dwellings
In Wales: AD B1 (2020)	Fire Safety Dwellinghouses
In England: AD B2 (2020)	Fire Safety Buildings Other Than Dwellings
In Wales: AD B2 (2020)	Fire Safety Buildings Other Than Dwellinghouses
Note:	The system is acceptable.
In England: AD C (2013)	Site preparation and resistance to contaminants and moisture
In Wales: AD C (2010)	Site preparation and resistance to contaminants and moisture
Note:	The system is acceptable.
In England: AD H (2015)	Drainage and Waste Disposal
In Wales: AD H (2010)	Drainage and Waste Disposal
Note:	In so much as it relates to specific site conditions.
In England: AD L1A (2016)	Conservation of fuel and power
In Wales: AD L1A (2016)	Conservation of fuel and power
Note:	The thermal insulation performance of the system should be considered in the context of the contribution made to the overall performance of the roof structure.
In England: AD L1B (2018)	Conservation of fuel and power
In Wales: AD L1B (2016)	Conservation of fuel and power
Note:	The thermal insulation performance of the system should be considered in the context of the contribution made to the overall performance of the roof structure.
In England: AD L2A (2016)	Conservation of fuel and power
In Wales: AD L2A (2016)	Conservation of fuel and power
Note:	The thermal insulation performance of the system should be considered in the context of the contribution made to the overall performance of the roof structure.

Non-Regulatory Information



LABC Warranty

The system has not been assessed by LABC Warranty.

Supporting Documentation

BS 476 Part 3 External Fire Exposure Roof Test Q100789 – 1001 Issue 1 (31st July 2019) - F.AC (BRE Global)

BS EN 1928 : 2000, Flexible sheets for waterproofing – Bitumen, plastic and rubber sheets for roof waterproofing – Determination of watertightness (BBA Test Report No T164198 – 23-06-047 Issue 2)

Diamond Installation Guide

Diamond Product Guide

Diamond CSM Safety Datasheet

Diamond Resin Safety Datasheet

Diamond Topcoat Datasheet

Diamond Catalyst Safety Datasheet

Diamond GRP Guarantee Form

Items that should be provided in conjunction with the LABC Assured certificate as part of an Application to determine compliance

1. Site specific construction details will be required for a full check

Items that should be provided in conjunction with the LABC Assured certificate as part of the Inspection regime to determine compliance

1. Installation guide

Contact Information

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