

FLEET

Liquid Applied Waterproofing

ROOFING
BALCONIES / TERRACES / PODIUMS
CAR PARKS
WET AREAS



INTRODUCTION

The FLEET PMMA Liquid Applied Waterproofing System is a high-quality solution for waterproofing a variety of applications, such as multi-storey car parks, balconies, terraces, and flat roofs. It directly moulds itself to the contours of the substrate with even the most difficult details easily dealt with. The system is known for its seamless membrane without joints, high elasticity, resistance to water, and flexibility, even at low temperatures. Its application process is straightforward, requiring no open flames, and it is UV resistant. The FLEET LAW system is 'Rain- Secure' in 30 minutes and once installed, it guarantees a life expectancy of up to 25 years and beyond (attested by the BBA).

FLEET : FAST

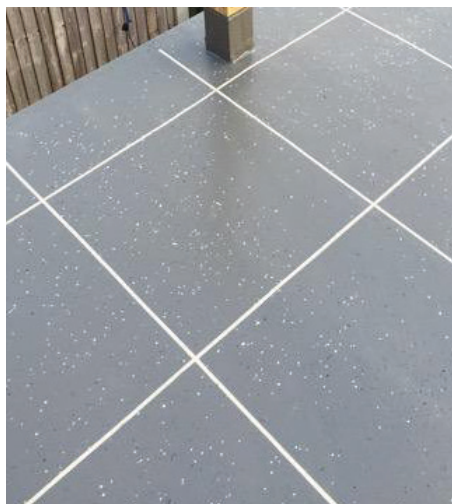
In a country that rains as much as it does in the UK, you need a Waterproofing System that goes down fast and secures your building quickly – The Fleet Liquid Applied Waterproofing System is 'Rain- Secure' in 30 minutes. So even sudden interspersed downpours needn't stop work being completed.

FLEET : FLEXIBLE

Every project is different, each with their own Waterproofing challenges. The Fleet Liquid Applied Waterproofing System literally moulds itself to the contours and changes of plane of the substrate. Even the most difficult details are easily dealt with. This flexibility ensures a watertight construction.

FLEET : FIXED

Once installed you don't want to have to worry about how long the waterproofing solution will last. The Fleet Liquid Applied Waterproofing System attracts guarantees of up to 25 years and has an expected service life in excess of that, as attested by the BBA.



TESTS

Tests were carried out and the results assessed by the BBA to determine:

- Tensile strength and elongation
- Water vapour diffusion resistance coefficient (μ)
- Watertightness
- Tensile bond strength on concrete, steel, bitumen sheet, timber and plastic
- Dynamic indentation
- Static indentation
- Resistance to fatigue cycling
- Resistance to low temperatures
- Resistance to high temperatures
- Heat ageing at 80°C for 200 days
- Resistance to UV ageing at 1000 MJ·m⁻²
- Resistance to water exposure at 60°C for 60 days
- The effect of application temperatures
- The effect of day joints
- External fire performance to ENV 1187 : 2002, test 1
- Reaction to fire
- Water exposure (180 days at 60°C)

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Agreement Certificate
16/5326
Product Sheet 1

FLEET LIQUID APPLIED WATERPROOFING SYSTEMS

FLEET COAT 30

This Agreement Certificate Product Sheet (1) relates to Fleet Coat 30, a polymethyl methacrylate liquid-applied roof waterproofing system for use on flat, zero fall and pitched roofs with limited access, including green roof and roof garden specifications.

(1) Hereinafter referred to as 'Certificate'.

CERTIFICATION INCLUDES:

- factors relating to compliance with Building Regulations where applicable
- factors relating to additional non-regulatory information where applicable
- independently verified technical specification
- assessment criteria and technical investigations
- design considerations
- installation guidance
- regular surveillance of production
- formal three-yearly review.

KEY FACTORS ASSESSED

Weatherproofness — the system will resist the passage of moisture into a building (see section 6).

Properties in relation to fire — the system can enable a roof to be unrestricted under the national Building Regulations (see section 7).

Adhesion — the system will resist the effects of any wind suction likely to occur in practice (see section 8).

Resistance to mechanical damage — the system will accept the limited foot traffic and loads associated with installation and maintenance (see section 9).

Resistance to root penetration — the system will resist penetration by plant roots (see section 10).

Durability — under normal service conditions the system will provide a durable roof waterproofing with a service life in excess of 25 years (see section 12).

The BBA has awarded this Certificate to the company named above for the system described herein. This system has been assessed by the BBA as being fit for its intended use provided it is installed, used and maintained as set out in this Certificate.

On behalf of the British Board of Agrément

John Albon

Claire Curtis-Thomas

Date of Second issue: 23 October 2018

John Albon — Head of Approvals

Claire Curtis-Thomas

Originally certified on 15 June 2016

Construction Products

Chief Executive

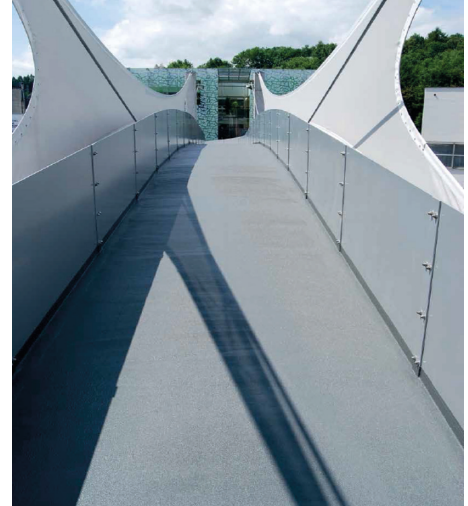
The BBA is a UKAS accredited certification body — Number 713.
The schedule of the current scope of accreditation for product certification is available in pdf format via the UKAS link on the BBA website at www.bbacerts.co.uk.
Readers are advised to check the validity and latest issue number of this Agreement Certificate by either referring to the BBA website or contacting the BBA direct.
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British Board of Agrément

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TECHNICAL SERVICES

- Roof Surveys / Conditions Reports Specifications
- Rainwater Calculations
- Wind Uplift Calculations 'U' Value & Condensation Risk Analysis
- Roof Safety Advice
- Roof Mounted PV Calculations & System Design

For further details, technical data sheets, drawings or any of the technical services listed above please contact:

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