

Sealoflex Prima Waterproof Coating

The Sealoflex Prima System is designed primarily for use within the commercial refurbishment and new build sectors. The System offers specifiers and contractors new solutions to previously frustrating and difficult problems.

PRODUCT DATA

Container size	12.5 kg
Form	Liquid
Workability period	30 minutes*
Rainproof	Approx. 2 hours*
Walkable	Approx. 16 hours*
Cured	72 hours*
Shelf life	12 months
Colour	Anthracite

* Dependent on environmental conditions. Values attained at 23 °C and 50% relative humidity. Times given are reduced with higher (and increased with lower) surrounding and work surface temperatures.

INTRODUCTION

The Sealoflex Prima System is ideal for use on sustainability based projects or on sensitive occupied buildings where the fumes from solvent-based products would be disruptive.

PRODUCT TESTING

BMI Sealoflex Prima has been independently site and laboratory tested by the British Board of Agrément and awarded BBA certificate number 13/5028.



DESCRIPTION

Sealoflex Prima Waterproof Coating is a two component polyurethane-based product that forms a permanently elastic, seamless, yet highly vapour permeable membrane that is both durable and tear resistant.

The product is applied in multiple layers with a reinforcing fleece in a 'wet-on-wet' process which cures to form a seamless, elastic membrane. Sealoflex Prima Waterproof Coating is anthracite in colour and supplied in a 12.5 kg container.

INTENDED USE

Sealoflex Prima Waterproof Coating is suitable for use as an exposed membrane in both new and refurbishment projects, particularly where traditional methods of waterproofing may prove difficult.

It is intended for use where limited foot traffic is anticipated, but may also be used in conjunction with the Sealoflex Prima Walkway System on projects requiring maintenance access on roofs.

SURFACE PREPARATION

Ensure the substrate is sound, clean, dry and free of frost, dust and debris, and any material which would hinder adhesion. Residual moisture in concrete substrates must not exceed 5% in the upper 2 cm. Before application of the Sealoflex Prima Solvent-Free Coating the substrate must be primed with the appropriate Sealoflex Prima Primer, in accordance with current instructions and recommendations. Consult BMI Technical Services for further guidance.

APPLICATION CONDITIONS

Apply only when atmospheric and substrate temperatures are greater than 5 °C. The surface of the substrate should be clean and dry and must be 3 °C above the dew point. If the surface is below or at dew point temperature then moisture can form at the surface and affect coating adhesion and curing.

Personal Protective Equipment (PPE) should be worn.

COVERAGE RATES

The overall system coverage of the coating is dependent upon the required guarantee performance period, and is to be installed at the following combined system application rates.

- 10 Year System = 2.7 kg/m²
- 15 Year System = 3.0 kg/m²
- 20 Year System = 3.6 kg/m²

COATING PREPARATION

Container: Stir Component A thoroughly. Add Component B to Component A and mix again thoroughly until no streaks are visible.

To avoid mixing errors, the mixture is changed to another container and stirred again. At temperatures of less than 10 °C, add Sealoflex Prima Speedshot Accelerator into the Sealoflex Prima Solvent-Free waterproofing resin.

COATING APPLICATION

In accordance with the combined system coverage rates above, apply approximately two thirds of the Sealoflex Prima Waterproof Coating above the primed substrate as the base layer using a squeegee and perlon roller.

Immediately apply the Sealoflex Prima Reinforcing Fleece into the base layer and roll the surface with a perlon roller, eliminating potential air bubbles and encouraging saturation of the fleece. Overlaps in the fleece should be a minimum 50 mm.

Apply immediately the remaining third of Sealoflex Prima Waterproof Coating above the reinforcing fleece as the top layer. Roll out evenly until complete saturation is achieved. Correct coverage will be achieved when the knapp of the fleece remains visible.

Alkaline Protection Layer: Sealoflex Prima Waterproof Coating only has limited alkali resistance. For long term exposure a coat of Sealoflex Prima HP Primer can be applied to provide protection.

Job interruptions and further coating: After 24 hours but before 7 days, clean the surface with Sealoflex MEK Cleaner. After 7 days, grind with P40 sandpaper.

CLEANING

Clean tools immediately after use using Sealoflex MEK Cleaner. Wash hands thoroughly after use.

TYPICAL SPECIFICATION

Roof waterproofing system to be Sealoflex Prima Solvent-Free Liquid Waterproofing System, as supplied by BMI UK & Ireland, BMI House, 2 Pitfield, Kiln Farm, Milton Keynes MK11 3LW. Sealoflex Prima Solvent-Free Coating to be applied in accordance with manufacturer's current instructions.

NBS SPECIFICATION

Sealoflex Prima Liquid Waterproof System can be specified using the following clauses:

Clause: J31/110; J31/120; J31/130

Product: Sealoflex Prima Solvent-Free Liquid Waterproofing System.

Manufacturer: BMI UK & Ireland, BMI House, 2 Pitfield, Kiln Farm, Milton Keynes MK11 3LW. Telephone: +44 (0) 1908 015760.

QUALITY ASSURANCE

Sealoflex Prima products are supplied under a Quality Management System approved to EN ISO 9001: 2015 by TÜV NORD CERT GmbH



STORAGE

Containers should be stored in a dry and cool environment on a flat, level, and clean surface away from sources of ignition, including pilot lights and sparks. Protect the product against moisture, direct sunlight and extremes of temperature.

Keep containers tightly closed when not in use. In original unopened containers the shelf life is 12 months.

DISPOSAL

Components A + B (Liquid)	EWC	08 04 09
Components A + B (Cured)	EWC	08 04 10

HEALTH & SAFETY

Health & Safety information supplied by manufacturer must be observed. Do not allow into the sewer system or ground.

TECHNICAL SERVICES

Specialist advice and design guidance on all matters relating to Sealoflex Prima systems is freely available from our Technical Services Team.

BMI UK & Ireland

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