

Sealoflex Ultima Waterproof Coating

Sealoflex Ultima Waterproof Coating is a solvent free, single-component, modified polyurethane coating that is vapour permeable and moisture curing. It is a component of the Sealoflex Ultima System.

PRODUCT DATA

| | | |
|-----------------------------------|--|--|
| Container size | 4 litre or 15 litre | |
| Form | Liquid | |
| Consumption | Standard membrane: 1.8 kg/m ² * 1.2 L/m ² * | Premium membrane: 3.0 kg/m ² * 2.0 L/m ² * |
| Coverage per pack | Standard membrane: 4 litres: 3.3 m ² 15 litres: 12.5 m ² | Premium membrane: 4 litres: 2.0 m ² 15 litres: 7.5 m ² |
| Surface temperature limits | 0° C to 40° C (and 3° C above the dew point) | |

CURING BEHAVIOUR

| | |
|--------------------------------------|----------------|
| Pot life / workability period | 60 minutes** |
| Rainproof | 20 minutes** |
| Walkable / re-coat | 4 - 8 hours** |
| Fully cured | 72 hours** |
| Shelf life | 12 months*** |
| Colour | Grey and white |

* On smooth surfaces.

** At 23 °C and 50% relative humidity.

*** From date of manufacture in original unopened containers stored between 10 °C and 32 °C.

INTENDED USE

Sealoflex Ultima Waterproof Coating forms a reinforced, fully bonded Waterproofing Membrane when used in conjunction with Sealoflex Ultima Reinforcing Fabric. It is suitable in a variety of applications for both new build and refurbishment projects, either as a complete roof waterproofing solution or as a detailing solution in combination with bitumen and synthetic waterproofing membranes.

The Sealoflex Ultima System is resistant to light foot traffic. If additional surface protection is required, the Sealoflex Ultima Anti-skid Walkway System is applied to the waterproofing membrane.

PRODUCT TESTING

BMI Sealoflex Ultima has been independently site and laboratory tested by the British Board of Agrément and awarded BBA certificate number 15/5229.



SURFACE PREPARATION

Refer to the Sealoflex Ultima System Component Table to select the correct Sealoflex Ultima Primer for the substrate.

Before applying Ultima Waterproof Coating ensure that the surface is clean, dry and sound, the surface temperature is between 0 °C and 40 °C and is 3 °C above the dew point. (Refer to the Dew Point Calculation Table in the Sealoflex Ultima Installation Manual).

APPLICATION INSTRUCTIONS

Sealoflex Ultima Waterproof Coating is a single component liquid that is ready to use straight out of the container. However, each new container will require mixing before use. To mix, use a suitable mixing stick or a mechanical mixer at low speed. **Do not** mix at high speed or over agitate the liquid when mixing, as this will result in air becoming trapped in the liquid. If this does occur, allow the product to settle for approximately 5 minutes or until no air bubbles are visible.

At low temperatures the liquid may thicken, which can affect consumption. Therefore we recommend that containers are stored at room temperature before arriving at the job site.

Material left in the original container can be re-used providing the lid is replaced securely and the product is still within its shelf life. When re-opening the container, remove any skin that may have formed at the surface and mix as above.

Do not apply if rain is imminent.



APPLICATION METHOD

Sealoflex Ultima Waterproof Coating is applied in a continuous sequence of base coat, fabric reinforcement and top coat; this process is referred to as 'wet on wet'.

- 1 Apply a base coat of Sealoflex Ultima Waterproof Coating to the prepared substrate at the recommended membrane coverage rate.
- 2 Place the Sealoflex Ultima Reinforcing Fabric into the base coat making sure there are no creases in the fabric and that no air is trapped beneath it.
- 3 Apply a top coat of Sealoflex Ultima Waterproof Coating to the saturated fabric at the recommended membrane coverage rate.
- 4 Allow to cure.

OVERCOATING

Additional coats of Sealoflex Ultima Waterproof Coating may be applied at any time after the initial installation without the need for special preparation, providing the surface is clean and dry and within the surface temperature limits.

CLEANING

Uncured material can be removed from tools with mineral spirits. Cured materials will need to be mechanically removed.

TYPICAL SPECIFICATION

Roof waterproofing system to be Sealoflex Ultima Liquid Waterproofing System, as manufactured by BMI UK & Ireland, BMI House, 2 Pitfield, Kiln Farm, Milton Keynes MK11 3LW. The membrane is to be installed and sealed in accordance with the relevant codes of practice and with the manufacturer's instructions.

NBS SPECIFICATION

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

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

Product: Sealoflex Ultima System.

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



QUALITY ASSURANCE

The Sealoflex Ultima System is supplied under a Quality Management System approved to ISO 9001: 2001 TÜV NORD CERT GmbH



STORAGE

Sealoflex Ultima should be stored at temperatures between 5°C and 35°C. Where the product is exposed to temperatures below 5°C, ensure duration of exposure is no greater than 5 days. For optimum usage it is recommended to maintain the material above 15°C overnight prior to use. Product stored at low temperatures prior to use will appear thicker in consistency and may take longer to cure. Do not expose to direct sunlight or cold winds. **Do not expose to rainfall.**

DELIVERY

The product is delivered to site in containers packed on pallets, wrapped in polythene. Each container is marked with the manufacturer's name, product description and the appropriate hazard and risk labels.

DISPOSAL

| | | |
|--------|-----|----------|
| Liquid | EWC | 08 04 09 |
| Cured | EWC | 08 04 10 |

HEALTH & SAFETY

Information regarding transportation, handling, storage and disposal can be found on the Safety Data Sheet and on the label of the container. All recommendations and warnings must be observed.

TECHNICAL SERVICES

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

BMI UK & Ireland

BMI House
2 Pitfield
Kiln Farm
Milton Keynes
MK11 3LW
+44 (0) 1908 015760

We are committed to continuously enhancing and improving our product range. We reserve the right to change our product specifications. We reserve the right to correct any typographical or clerical error or omission. For the latest information contact customer service.