



ULTIMA WATERPROOFING



OptiTorch PREMIUM - Bituminous Felt System

OptiTorch Waterproofing Membranes have a long and successful history and are produced under strict quality control standards.

OptiTorch has been specially developed to achieve a fast, sustainable, durable and eco-friendly waterproofing solution.

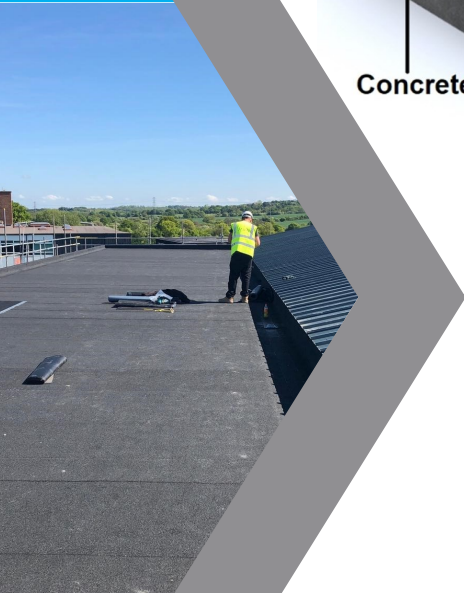
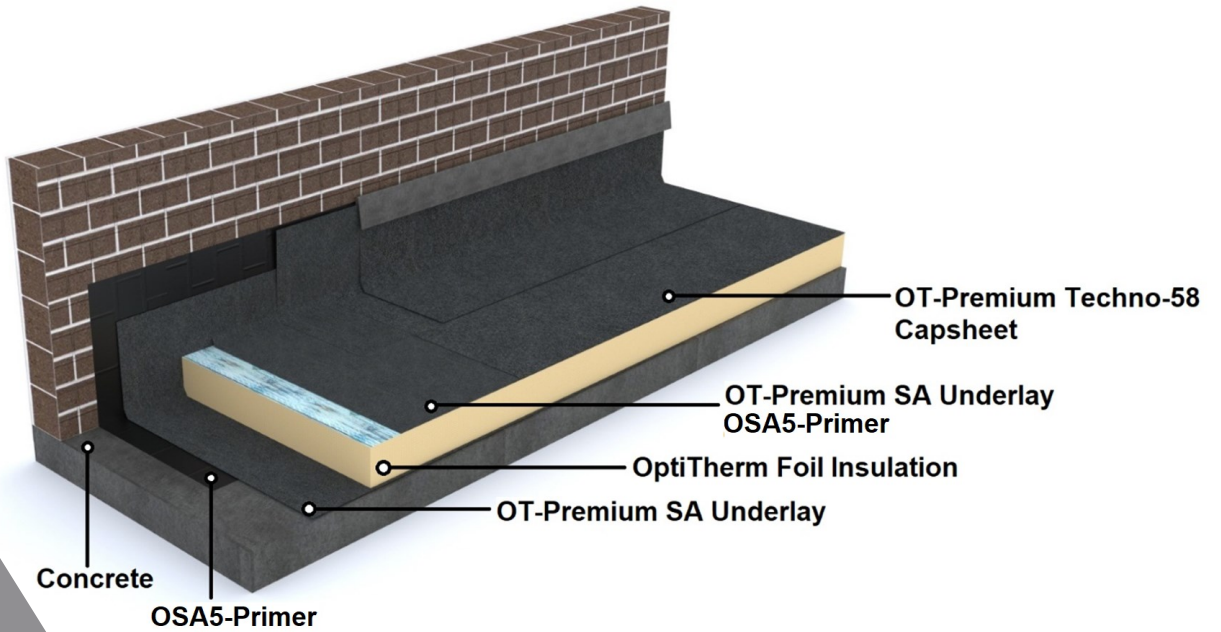




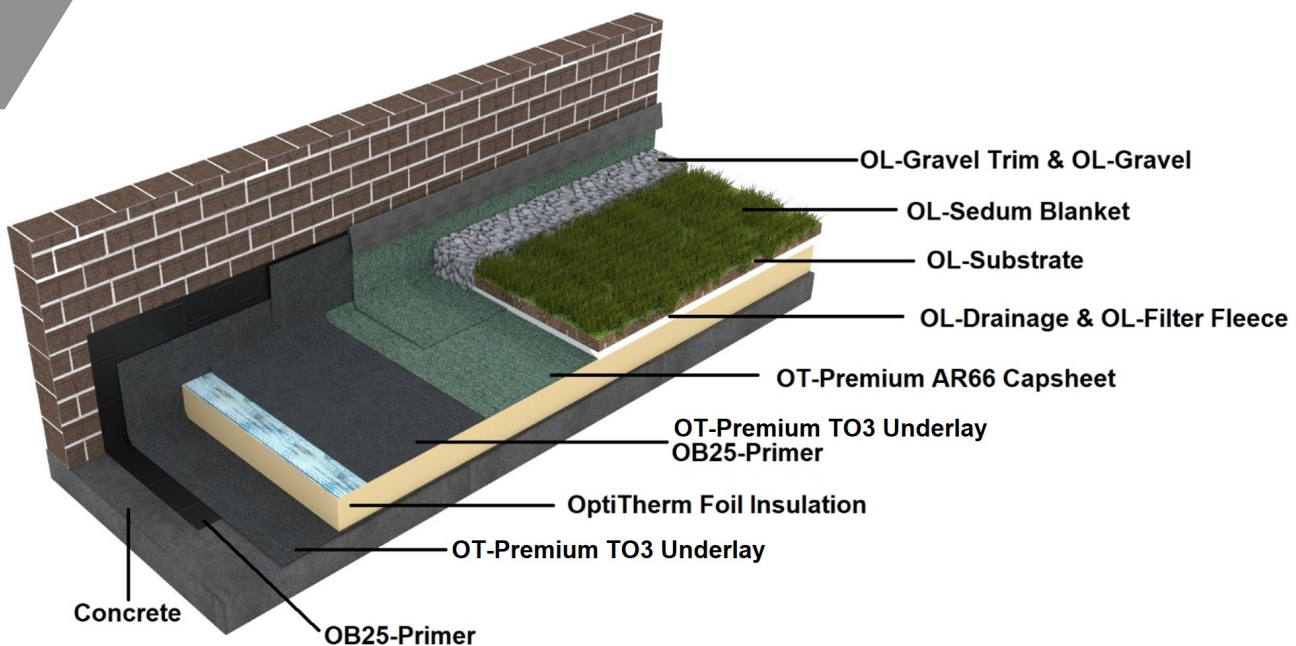
APPLICATIONS

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Warm 3-Layer Felt System



Warm 3-Layer Felt System with Green Roof





INFORMATION

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CHEMICAL RESISTANCE

The OT-Premium Bituminous Felt System is water-resistant and is resistant to watery solutions of salt, diluted non-oxidising acids and bases. Aliphatic and aromatic hydrocarbons, as well as chlorine hydrocarbons, oils and greases may loosen the product and should therefore be avoided.

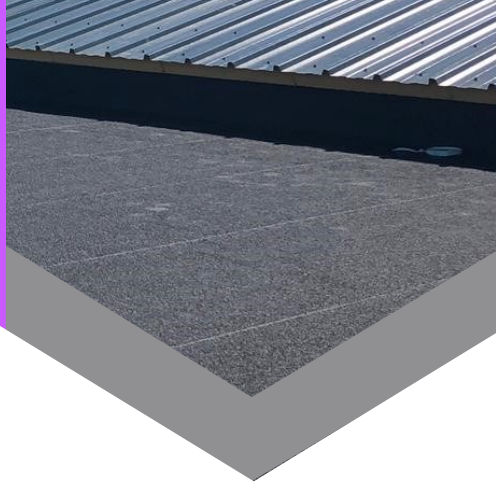
STORAGE

Store in a cool and dry place. Protect from direct sunlight. The product should be installed within 3 months of delivery, otherwise the surface must be primed with a suitable primer (please contact Ultima for further details).

HEALTH & SAFETY

Health and Safety should be observed at all times in accordance with HSE and industry guidance. Specific Risk Assessments and Method Statements should be produced by contractors where necessary to ensure Working at Heights, Fire Safety and Manual Handling rules are compliant with current law and regulations. Health and safety data sheets are available for all materials on request from Ultima Technical Service Department.





PRODUCT RANGE

Product	Description	Unit	Coverage
OT-Premium TO3 Underlay	3kg SBS Underlay	1m x 16m	16m ²
OT-Premium UNI Underlay	SBS Underlay	1m x 8m	8m ²
OT-Premium SA Underlay	SA Underlay	1m x 15m	15m ²
OT-Premium SA52 Capsheet	5.2kg SA Capsheet (Anthracite)	1.08m x 7.50m	8.10m ²
OT-Premium UNI-50 Capsheet	5kg SBS Capsheet (Black)	1m x 8m	8m ²
OT-Premium Techno-58 Capsheet	5.8kg SBS Capsheet (Black)	1m x 8m	8m ²
OT-Premium AR66 Capsheet	6.6kg Anti-Root Capsheet	1.08 x 5m	5.4m ²

APPLICATION

Torch on Underlays & Capsheet

OT-Premium Torch-on membranes should be installed in accordance with manufacturer recommendations and all relevant national standards and codes of practice, including BS 8217: 2005 – the code of practice for reinforced bitumen membranes for roofing.

Roofing contractors should also be fully conversant with the guidelines set out in the National Federation of Roofing Contractors (NFRC) 'Safe2Torch' campaign. All operatives using torch guns or hot air guns during installation should be competent, conversant and capable of using such items in a safe and responsible manner. Care must also be taken when using torches and hot air guns in close proximity to combustible materials, decorative coatings and heat sensitive materials.

OT-Premium Torch-on Capsheet must be bonded to the previously installed base layer/underlay by using the torch-on application method. Substrates must be clear of any debris or sharp projections, and primers should be used as necessary to prepare the surface for achieving most effective waterproofing longevity (please consult Ultima Technical Services for details).

The OT-Premium Torch-on membrane should be heated carefully, ensuring that the dispersible film completely melts as work proceeds and maintaining 5mm bead extrusion from all laps. Side laps must follow the manufactured mineral free pilot selvedge with end laps at minimum of 10cm. The cap sheet should be offset 30cm from the underlay to avoid build up of overlaps.

Self-Adhesive Underlays & Capsheets

OT-Premium Self-Adhesive membranes should be installed in accordance with manufacturer recommendations and all relevant national standards and codes of practice, including BS 8217: 2005 – the code of practice for reinforced bitumen membranes for roofing.

Roofing contractors should also be fully conversant with the guidelines set out in the National Federation of Roofing Contractors (NFRC) 'Safe2Torch' campaign. If hot air guns are used during application, operatives should be competent, conversant and capable of using such items in a safe and responsible manner. Care must also be taken when using hot air guns in close proximity to combustible materials, decorative coatings and heat sensitive materials.

In order to install the OT-Premium Self-Adhesive membranes correctly, ensure that the surface is dry, free of oil, fat and dust and other impurities. The membrane should be laid out in the required direction and the release film should be peeled off as work proceeds. Side laps must be maintained at 75mm, and end laps should be a minimum of 100mm. The cap sheet should be offset 300mm from the underlay in order to avoid side build up of overlaps. In cold weather conditions, a hot air gun should be used to assist with adhesion on the lap joints.



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