



SOLUTIONS FOR ROOFS

Sikaplan® RoofPro


Roof Assured
By Sika®



SINGLE PLY WATERPROOFING SYSTEMS FOR FLAT ROOFS



Sika® single ply roofing offers quality in construction, convenience in installation and flexibility in use – underscored by excellent weathering characteristics and the reliability demonstrated by a successful track record in mainland Europe since 1962 and in Britain since 1972.

Sikaplan® RoofPro roof waterproofing membranes are suitable for use with virtually all commonly used substrates – including both new and refurbishment applications. They can be part of either warm or cold deck roofs – including mechanically fixed, exposed and adhered types. The waterproofed surfaces may be flat, sloped, vertical, curved – convex or concave, waveform, domed, etc. The British Board of Agrément (BBA) certified the Sikaplan® RoofPro membranes, and are currently stated to have a minimum life expectancy, in their opinion, of in excess of 35 years.



SYSTEM FEATURES:

- **Quick and easy application** – achieving initial waterproofing in unrivalled time
- **The flexibility and elasticity of the membranes** – give extremely high fatigue resistance
- **Light in weight**
- **Impermeable to water yet allows water vapour to escape** – to help minimise the risk of interstitial condensation occurring
- **Minimum disruption on site** – no naked flames or hot pots on the roof, reduces the potential health and safety risks
- **Long working life expectancy and proven track record** – giving clients peace of mind
- **Low maintenance membranes** – will not require any form of post installation treatments, such as paints or re-saturants
- **BBA Accreditation** (BBA certificate 09/4668)



INSTALLATION

Sikaplan® DM-15 RoofPro MF

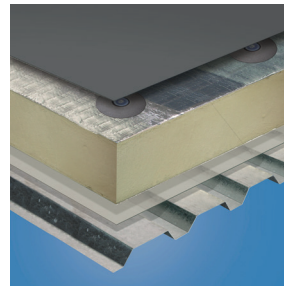


Sikaplan® DM-15 Roofpro membranes are specifically formulated and manufactured on computer controlled calendaring machines, using only ingredients of the best quality. This ensures the highest standards for products of this type. Calendaring ensures the most thorough mixing of the constituent components of the formulation along with the best compaction of the material, producing the densest mix and avoiding entrained air in the completed sheets for instance. We also manufacture the sheets to the stated thickness and do not deliberately exploit the minus 5% tolerance allowance permitted in the manufacturing standards. This ensures that the full performance of the sheet in terms of life expectancy and robustness will be met and give true value for money.

Sikaplan® DM-15 Roofpro MF is intended to be used solely as an exposed roof waterproofing membrane, restrained against wind uplift forces by mechanical fasteners. Sikaplan® DM-15 Roofpro MF membrane has a layer of extremely strong polyester reinforcement in the middle of its thickness. This is designed to virtually eliminate shrinkage and provide the necessary dimensional stability. It also contains ultra-violet stabilisers and fire retardants. Sikaplan® DM-15 Roofpro MF is highly resistant to ageing and industrial pollutants and will require no further surface treatments or coverings or any other maintenance throughout its service life.

The Sikaplan® DM-15 Roofpro MF membrane is mechanically attached to the substrate by the use of 'pressure plates' located in the side laps of the waterproofing sheets. Placing the plates in the side laps ensures they are weather tight as they are encapsulated within the laps itself. When the calculated wind loads are very high, it is possible to locate additional plates in the main area of the sheet. It is essential and established good practice in the industry, that in order to ensure full security of the membrane against wind forces, that the membrane is mechanically fixed at all changes of plane and around perimeters.

Sikaplan® DM-15 RoofPro MF PRODUCT RANGE



System build up:

- Sikaplan® DM-15 Roofpro MF Membrane
- Thermal insulation
- Air and Vapour Control Layer
- Structural substrate

BENEFITS:

- Speed of installation
- Lightweight
- Moisture vapour permeable
- Long working life expectancy and proven track record
- Low maintenance
- BBA Accreditation (BBA certificate 09/4668)



INSTALLATION

Sikaplan® DM-15 RoofPro Adhered

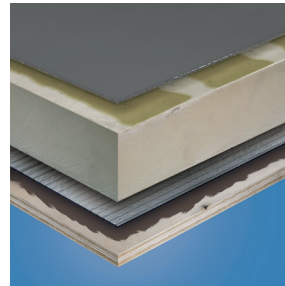


Sikaplan® DM-15 Roofpro Adhered is intended to be used solely as an exposed roof waterproofing membrane restrained against wind uplift forces, by adhesion to a suitable substrate. It also contains ultra-violet stabilisers and fire retardants. Sikaplan® DM-15 Roofpro Adhered is highly resistant to ageing and industrial pollutants and will require no further surface treatments or coverings, or any other maintenance throughout its service life.

Sikaplan® DM-15 Roofpro Adhered membrane has a layer of random glass fibres in the middle of its thickness. This feature is designed to virtually eliminate shrinkage and provide the necessary dimensional stability. It also incorporates a polyester fleece imbedded to the underside of the membrane, to provide a strong key for adhered applications. Sikaplan® DM-15 Roofpro Adhered is often used for exposed membrane applications, where aesthetics are important or mechanical fasteners are inconvenient or not possible.



Sikaplan® DM-15 RoofPro Adhered PRODUCT RANGE



System build up:

- Sikaplan® DM-15 Roofpro Adhered
- Thermal insulation
- Air and Vapour Control Layer
- Structural substrate

BENEFITS:

- Speed of installation
- Lightweight
- Moisture vapour permeable
- Long working life expectancy and proven track record
- Low maintenance
- BBA Accreditation (BBA certificate 09/4668)



THE RIGHT ROOFING SOLUTION, FOR EVERY PROJECT



Sikaplan® DM-15 RoofPro MF

High Performance, Single Component, Solvent-free and low VOC Roof Waterproofing Membrane

Sikaplan® DM-15 RoofPro MF (thickness 1.5mm) is a polyester reinforced multilayer, synthetic roof waterproofing sheet based on premium-quality polyvinyl chloride (PVC) according to EN 13956.

Used for:

- Waterproofing membrane for exposed flat roofs
- Mechanically fastened roofing systems
- Detailing

Characteristics and Advantages:

- Resistant to permanent UV irradiation
- Resistant to permanent wind exposure
- High water vapour permeability
- Resistant to all common environmental influences
- Hot air welding without use of open flames
- Recyclable



Sikaplan® DM-15 RoofPro Adhered

High Performance, Single Component, Solvent-free and low VOC Roof Waterproofing Membrane

Sikaplan® DM-15 RoofPro Adhered is a multi-layer, synthetic roof waterproofing sheet based on premium-quality polyvinyl chloride (PVC) with inlay of glass non-woven and polyester fleece backing according to EN 13956.

Used for:

- Roof waterproofing membrane for exposed flat roofs

Characteristics and Advantages:

- Resistant to permanent UV irradiation
- High dimensional stability due to glass fleece inlay
- High water vapour permeability
- Resistant to all common environmental influences
- Compatible to old bitumen due to felt backing
- Hot air welding without use of open flames
- Recyclable

Accessories

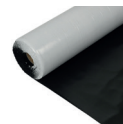
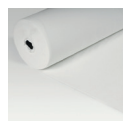
- **Sika® METAL** - Galvanised steel that has a top layer of Type S membrane factory laminated to one side and protective enamel the other. Supplied as flat sheet, Sikaplan® RoofPro Metal is cut and bent to form perimeter, drip edge, penetration and any other necessary profiles to which the membrane is secured by welding



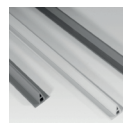
- **Sika® C300 Adhesive** - One-component polyurethane based adhesive curing by humidity for the adhesion of Sikaplan® DM-15 Roofpro Adhered



- **Sika® S-Felt Type T** - A white 300 g/m2 polyester fleece which is intended to be used as both a levelling and separation layer preventing contact between the waterproofing sheets and any rough/abrasive surfaces or incompatible materials. S-Felt T can also be used between membrane and any protective topping or pavers



- **Sika® SBV** - PVC skinned polyester fleece for use as a heavy-duty levelling, separation and protection layer



- **Sika® SE Profiles** - Produced by extrusion with the same high quality compounds as used for Sikaplan® DM-15 Roofpro roof waterproofing membranes. Sika® SE Profiles are used to imitate a traditional standing-seam metal roof



- **Sika® SE Pre-Formed Corners** - Pre-formed corner pieces for neatly forming corner details

SIKA FULL RANGE SOLUTIONS FOR CONSTRUCTION:



LIQUID APPLIED
ROOFING



SINGLE PLY ROOFING



BITUMINOUS ROOFING



CONCRETE



CONCRETE REPAIR



STRUCTURAL
STRENGTHENING



BUILDING FINISHING



WATERPROOFING



JOINT SEALING



FAÇADES



FLOORING



INDUSTRY



DISTRIBUTION



BUILDING TRUST

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WHO WE ARE

Sika Limited and Sika Ireland Limited are part of the global Sika Group, specialising in the manufacture and supply of chemical based products. Sika has a leading position in the development and production of systems and products for bonding, sealing, damping, reinforcing, and protecting in the building sector and the motor vehicle industry. Sika has subsidiaries in 100 countries around the world and manufactures in over 300 factories. With more than 25,000 employees Sika generates annual sales of CHF 7.9 billion (£6.14 bn). We are also committed to providing quality, service, safety and environmental care.

In the UK and Ireland, we provide market-leading solutions for concrete, waterproofing, roofing, flooring, refurbishment, sealing & bonding, and industry, and have manufacturing sites in Welwyn Garden City, Preston, Leeds, Wishaw and Dublin with more than 920 employees and a turnover of more than £290 million.

The information, and, in particular, the recommendations relating to the application and end use of Sika® products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. Please refer to our homepage www.sika.co.uk for our current standard terms & conditions applicable to all orders. Users should always refer to the most recent issue of the Product Data Sheet for the product concerned, copies of which will be supplied on request.



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