



RoofSkin

Free-Flowing Liquid Roofing Solution



See our video for guidance on easy installation

www.RoofSkin.co.uk/video

MAJOR BENEFITS

- 💧 **ODOUR FREE** No noxious fumes making it pleasant to work with
- 💧 **QUICK AND EASY TO INSTALL** Fast flowing for quick installation
- 💧 **SOLVENT FREE** Safe for the environment, safe for the installer and safe for the building occupants and surroundings
- 💧 **COLD APPLIED/NO FIRE RISK** Flame and risk free
- 💧 **100% VOLUME SOLID** No reduction in thickness due to solvent evaporation..... what you put down stays down!
- 💧 **SEAMLESS** No joints or overlaps
- 💧 **CONTROLLED CURING/CHEMICALLY CURING** Eliminating the weather uncertainties of moisture or solvent curing
- 💧 **HIGHLY FLEXIBLE** Greater than 200% elongation
- 💧 **EXCELLENT ADHESION** To the majority of substrates
- 💧 **COMPREHENSIVE WARRANTY PROGRAM** 10, 15 and 20 years warranties available dependant on system installed
- 💧 **LIFE EXPECTANCY** 10 years to 30 years according to system installed

POLYMER ROOFING SYSTEMS

In normal circumstances, **RoofSkin** consists of a one or two coat application to a cleaned prepared substrate. For porous and cementitious surfaces, **RoofSkin Deck Primer** will reduce absorption. On all other substrates it is not normally required. However, priming over existing mineral felt or mastic asphalt can be beneficial by sealing surface defects and so ease the flow of **RoofSkin** - helping to maintain a consistent thickness and improved aesthetics. It is important to use **RoofSkin Reinforcement Scrim** to ensure robust coverage across joints and angle changes, embedded into a narrow line of **RoofSkin**, before applying the main coat. Log on to our easy to follow video to see how this is done at www.roofskin.co.uk/video.

RoofSkin is Dark Grey in colour but can be supplied in most RAL colours. Get in touch to find out more. A range of colours are available for use as a further application using **RoofSkin UV Top Coat**; a thinner top coat that provides additional protection against ultra violet light.

INSTALLATION

Please see our easy-to-follow Installation Video at www.roofskin.co.uk

TOOLS REQUIRED

- 🔹 Paint Brush
- 🔹 Slow-Speed Paddle Mixer
- 🔹 Paddle Roller (for applying Reinforcement Scrim)
- 🔹 Roller or Squeegee
- 🔹 Mastix Gun
- 🔹 Cross-headed Screwdriver (for installing Trims)
- 🔹 Counter-Sink Drill

PREPARING THE EXISTING ROOF

All types of substrate are required to be clean and free from loosely adhering particles. Cementitious substrates and those of a high porosity will require priming first with **RoofSkin Deck Primer** at a rate 5m²per kg. Substrates with a high percentage of surface defects would also benefit from priming.

CRACK BRIDGING

Where cracks are evident in the substrate it is required to expose them. Clean and apply **RoofSkin PU Flexible Mastix Sealant** into the crack and cover with a narrow width of **RoofSkin** to accommodate **RoofSkin Reinforcement Scrim**, (see video for correct application). Allow to become tack free before proceeding with the main waterproofing layer.

JOINT BRIDGING

For timber & metal surfaces it is necessary to seal all joints using narrow width of **RoofSkin** to accommodate **RoofSkin Reinforcing Scrim**, embedded into the **RoofSkin**. Allow to become tack-free before proceeding with the main waterproofing layer.

EDGE DETAILING AND ANGLES

Wherever there is a change of angle (horizontal/vertical), it is necessary to reinforce the system using **RoofSkin Reinforcing Scrim** embedded into the **RoofSkin**. Allow to become tack-free before proceeding with the main waterproofing layer.

METAL SURFACES

Uncoated metal surfaces will require priming with **RoofSkin Metal Primer**. Please see container for instructions.

TRIMS

See installation video at www.roofskin.co.uk/technical

A comprehensive range of trims are available through your local merchant or by contacting us directly. These are secured to the new/existing substrate using the appropriate fixings and **RoofSkin PU Flexible Mastix Sealant**.

MIXING

See installation video at www.roofskin.co.uk/technical

Pour all of Part B into the main Part A container. Using a slow speed paddle, mix components A+B until a uniform consistency and colour is achieved (approximately four minutes). Ensure that your Paddle Mixer is **NOT** allowed to settle in any one area of the container. Avoid mixing too quickly as this may beat air into the mix resulting in surface pin holes.

APPLICATION

Once thoroughly mixed to a streak free consistency pour onto the prepared substrate and spread using a roller or squeegee at a rate of 1.25kg per m2 to provide a thickness of 1mm.

SUBSTRATE TEMPERATURE

In hot weather, substrate temperatures can rise substantially more than ambient. This can have the effect of reducing cure times. Similarly, in cold weather open and cure times can be increased.

When temperatures fall below 5°C application should not be attempted.

STORAGE

Store in sealed containers out of direct sunlight at between 5-30°C

CLEANING

- 💧 See RoofSkin Material Safety Data Sheet (MSDS) prior to use.
- 💧 Use RoofSkin Tool Cleaner to clean tools, but NOT to clean hands.
- 💧 Always use barrier cream and gloves.

Minimum Coverage Rates	
Coverage rates may vary according to surface roughness and system required	
SINGLE COAT (RoofSkin)	10yr System
RoofSkin	1.25kg / m2 @1mm thickness
TWO COATS (RoofSkin & UV Coat)	15yr System
RoofSkin UV Top Coat	1.25kg /m2 @1mm thickness 0.1kg/m2 thickness
TWO COATS REINFORCED	20yr System
RoofSkin UV Top Coat	2.5kg/m2 @ 2mm thickness 0.1kg/m2 thickness
In each case surface cracks, joints and angle changes (horizontal / Vertical) must be reinforced with RoofSkin Reinforcing Scrim .	

Property	Value
Colour - Roof Coat	Dark Grey
Coat Colour - UV	To customer requirements
Solids Content	100%
Hardness Shore A - Base Coat	65
Hardness Shore A - UV Coat	94
Roof Coat	6.2M/mm2
UV Coat	27.6nm2
Ultimate Elongation	>200%
Tear Resistance Die C - Roof Coat	Excellent
Tear Resistance - UV Coat	Excellent
Low Temperature Flexibility	Minus 20°C
Application Temperature	5°C - 30°C
Substrate Temperature	5°C

WARRANTY PROGRAMME

10, 15 & 20 years material warranties are available dependant on the level of system required.
Please contact us for more details.

HEALTH & SAFETY

See separate RoofSkin Material Safety Data Sheet (MSDS)

DISCLAIMER

The technical data herein has been compiled for your help and guidance and is based upon our experience. As we have no control over the use to which our information is put, no warranty is expressed nor implied and furthermore, we cannot accept responsibility for coverage, performance or any damages incurred.

TECHNICAL ASSISTANCE

For further information or assistance in selecting the correct specification please contact the technical department using the details below:

WEBSITE: www.roofskin.co.uk

EMAIL: Technical@roofskin.co.uk

TELEPHONE: Technical Support **01704 336826**



RoofSkin is a part of S.FLEX Polymer Roofing Systems, a trading division of PNR Global LTD.

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