



PRODUCT DATA SHEET

WEATHER SKIN LIQUID WATERPROOFING

Single component, hand applied liquid waterproofing membrane

Description

- WEATHER SKIN is a high performance flexible system used for long lasting waterproofing applications.
- The system is hand applied and the hydrophobic chemical system has been engineered for enhanced moisture tolerance to better suit the UK climate.
- Suitable for both new and existing roofs - Perfect for repair and refurbishment of most roof coverings without having to remove the existing structure.

Advantages

- Seamless waterproofing – no joints to fail
- Easy application – just use straight from the tin
- Single component – no weighing activators
- Moisture curing – it will cure without activator using moisture from the environment
- Damp tolerant
- Easy to repair
- Frost and high temp resistance (-40C to + 90C)
- No naked flames required

Uses

- Flexible waterproofing and protection for roofs, balconies and terraces etc
- Can be used on most substrates not limited to
 - Mineral Felt
 - Asphalt / Bitumen
 - Concrete
 - Timber
 - Single ply
 - Insulation board
 - Asbestos/Fibre Cement

Consumption

- Typically applied @ 1.4 – 2.5kg/m2 in two or three layers
- The first coat will vary depending on the substrate texture depth but is typically about 1.2kg/m2 if un-reinforced, 1.5kg/m2 fleece and 1.8kg/m2 for Chopped strand.
- Second coat is around 0.5 kg/m2 up to maximum 0.8kg/m2 in a single application.

Technical

- 25 years working life - EAD 030350-00-0402* (ETAG 005) for Liquid Applied Roof Waterproofing Kits
- EN1504-2 Products and systems for the protection and repair of concrete structures



WEATHERPROOFING SOLUTIONS

Working life	W3 (25 years)
Resistance to UV and moisture	S (Severe)
User Load	P1- P4*
Roof Slopes	S1 to S4
Resistance to wind loads	> 50 kPa
Roof Slopes	S1 – S4
Thickness	1.2 mm
Application weight	1.9 kg/m ²
Reaction to fire EN 13501-1	BRoof(T4)
Reaction to fire EN 13501-5	Class E
Resistance to Root Penetration	Resistant*
Solar reflectance index (SRI)	101
Elongation DIN 53504	>600%
Tensile Strength DIN 53504	4 N/mm ²
Hardness DIN 53505	80 A
Water vapour permeability DIN EN 1931	13.1 g/m ² /day
Water impermeability DIN 1928 (1m column)	Watertight
Accelerated Weather testing. UV @ 40 MJ/m ² EOTA TR-010	Passed
Resistance to thermal ageing (80C) EOTA TR-011	Passed
Dynamic crack bridging 1 + 1mm @ -10C EOTA TR-008	No cracks

*with reinforcement matting. P2-4 = W2 10 years

Colour

- Standard colour = Dark grey
- Other colours available on request
- For colour stable finish WEATHER SKIN UV can be applied on top of WEATHER SKIN

Application

All surfaces must be clean, dry and free from contaminants. On porous substrates such as concrete and timber, prime the area using WEATHER SKIN PU PRIMER.

Any cracks, problematic areas such as upstands, outlets and pipes or damaged areas must be repaired prior to application of the WEATHER SKIN system. Clean the damaged area and remove any residue / detritus trapped within. Small cracks can be sealed off and smoothed over using WEATHER SKIN PU SEALANT. Larger cracks / damage / expansion joints must be bandaged.

Stir well before use until the colour is uniform. Avoid excessive stirring to prevent air mixing.

Apply by roller or brush generously. Apply the reinforcement mat and push into the wet surface. The mat becomes saturated and grey. Ensure minimum of 50mm overlap of mat. Leave the product to cure overnight or until firm enough to walk on.

Inspect the first coat – it should be fully sealed and even colour. Repair any missed areas or damage by sanding / trimming flush and applying another coat of WEATHER SKIN to ensure the first coat fully seals the roof.

When happy with the first coat, apply second coat generously with roller up to maximum of 0.8 kg/m² thickness.

Note – with practise, the second coat can be applied on a wet-on-wet basis if required. WEATHER SKIN chopped strand matting can also be used instead of WEATHER SKIN fleece if required.

Packaging and storage and safety

- WEATHER SKIN is supplied in 6kg, or 25kg tins.
- Store indoors between 5°C and + 30°C for up to 12 months
- Refer to Safety Data Sheet (SDS).



DECLARATION OF PERFORMANCE WPS.A4

1. Unique identification code of the product : WEATHER SKIN
2. Intended use/s
Surface protection products – coating.
Protection against ingress, moisture control,
increasing resistivity methods and Physical resistance
3. Supplier
Weatherproofing Solutions Ltd
43 Manor Way, Crewe, Cheshire, CW2 6JY,
4. Systems of AVCP
System 4
5. Harmonized standards
EN 1504-2:2004
6. Performance declaration

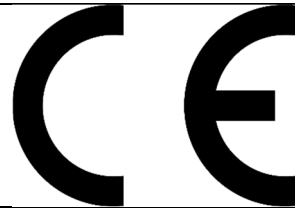
PROPERTY	VALUE	UNIT	STANDARD
Water Vapour permeability	II	Class	EN ISO 7783
Capillary absorption and permeability to water	< 0.1	kg.m ⁻² .h ^{-0.5}	EN 1062-3
Permeability to CO2	S _D > 50	m	EN ISO 13062-6
Crack bridging (Method A @ -10°C)	A5	Class	EN 1062-7:2005
Adhesion to concrete	> 1.5	MPa	EN 1542:2000
Tensile Strength	≥ 3.5	N/mm ²	DIN 53504
Elongation	≥ 450	%	DIN 53504

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by: Paul Evans (Managing director) 05/01/2026



WEATHERPROOFING SOLUTIONS



EN 1504-2:2004

DOP WPS.A4

Weatherproofing Solutions Ltd, 43 Manor Way, Crewe, Cheshire, CW2 6JY,
Surface protection products – coating. Protection against ingress, moisture control, increasing
resistivity methods and Physical resistance

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