

DESIGN FEATURES

- ◆ W1 rated, highly water resistant membrane.
- ◆ Resists water penetration and wind blown dust and snow.
- ◆ Extremely UV resistant, with superb strength values.
- ◆ Easy to cut and handle, overlap markings ensure an accurate installation.
- ◆ 1.5 x 50 metre roll.

MATERIAL

3 layer construction, Spunbonded polypropylene, engineered microporous film, Spunbonded polypropylene.

NOTE

Can also be used as a roof underlay due to it's excellent performance.

Data

- ◆ Highly permeable membrane, for use an external wall breather membrane.
- ◆ SIPS, timber frame or steel frame construction.
- ◆ 3 layer construction allows Cladwrap to be also used as an underlay.
- ◆ W1 rating for water resistance.
- ◆ Vapour permeability is five times better than the requirements of a wall breather membrane.
- ◆ Helps the building remain watertight during construction and for the buildings lifetime.
- ◆ Allows interstitial condensation to escape from the building and be vented via the external cavity.
- ◆ UV stabilised.



Installation

VPW CladWrap FR should be fixed directly to sheathing or insulation and secured to the substrate with the appropriate fixings. Stainless steel staples are suitable for timber frame/SIP panels. For SFS or masonry, the membrane must be mechanically fixed, including the use of EPDM washers. Fixing spacings should be no greater than 600mm horizontally and 500mm vertically. Laps around windows and doors should be taped using Cladwrap FR tape. Vertical overlaps must be a minimum 150mm and staggered. Horizontal overlaps must be a minimum 100mm. Installation should begin from the bottom panel to ensure each layer of membrane adequately overlaps the layer below to aid water run off.

TAMLYNWRAP REFLECTAFLAME

DESIGN FEATURES

Highly reflective, low emissivity surface house wrap which achieves A2-s1,d0 fire rating. It will resist the spread of flame across the cavity of the building.

MATERIAL

A2-s1, d0 fire rated glass fibre reinforced membrane with solid aluminium foil. Highly vapour permeable achieved by an engineered central film.

NOTE

Available in 1.2 x 35m rolls (18kg). Accompanying sealing tape for use around windows and doors available, in 50mm x 50m and 100m x 50m rolls.

Fire Rating

A2-s1, d0 fire rated, glass reinforced membrane with solid aluminium foil, recognised as being non-combustible in Scotland and 'limited combustibility' in the rest of the UK

Performance figures

- ◆ Breathability—0.08 (sd) - 0.32 mns/g/24hrs
- ◆ Emissivity value 0.03-0.05



Product Details

Reflectaflame is a highly vapour permeable building wrap which can be used in high rise, multi storey, domestic and off-site construction applications. Its unique composition, boasting a class leading A2-s1,d0 fire rating, will safely resist the spread of flame across the cavity of a building. Its low emissivity reflective surface will boost the u-value of the wall structure, potentially offering a 20mm saving in PIR insulation.

It can be used to benefit all manner of construction methods; timber frame, SIP panel, SFS, traditional masonry, as well as being suitable for the static caravan and residential park home industry.

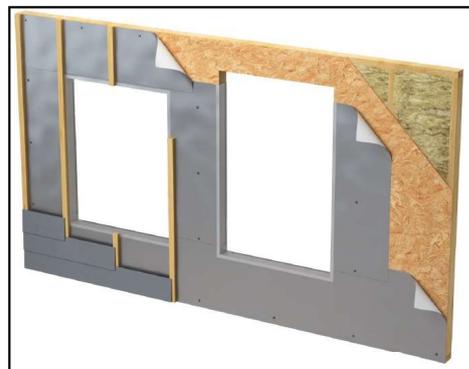
Reflectaflame has an extremely high uv resistance which means it will stand the test of time. Its 430gsm heavyweight glass fibre composition gives the product incredible strength values and makes it almost impossible to tear. It achieves a W1 rating for water penetration which far exceeds the requirements for vertical membranes, and it carries the same level of waterproofing as that of roofing underlays. Simple and easy to install, thanks to a roll size of 1.2m x 35m.



Class A fire rated product A2-s1,d0



Superior W1 head of water resistance



High UV resistance



Enhanced thermal performance

Reflectaflame is applied horizontally across the face of the building, fixed at 600mm centres across and 500mm centres vertically.

DESIGN FEATURES

- ◆ A1 fire rated, highly breathable wall wrap membrane
- ◆ W2 rated, water resistant membrane.
- ◆ Extremely UV resistant, extreme temperature range flexibility. (-36°C - 150°C)
- ◆ Easy to cut and handle, jointing tape designed for the product.
- ◆ 1.5 x 50 metre roll. (16kg/roll). 210g/m² mass per unit area

MATERIAL

Woven glass fibre fabric



Data

- ◆ Highly permeable membrane, for use as an external wall breather membrane.
- ◆ SIPS, timber frame or steel frame construction.
- ◆ W2 rating for water resistance. (EN13111)
- ◆ A1 Fire rated (EN13501-1)
- ◆ Water vapour permeability (Sd) 0.03m (EN12572)
- ◆ Vapour resistance (0.15 MNs/g) (EN12572)
- ◆ Tensile strength (L) 3500N/50mm, (T) 1800N/50mm
- ◆ Helps the building remain watertight during construction and for the building's lifetime.
- ◆ Allows interstitial condensation to escape from the building and be vented via the external cavity.
- ◆ UV resistance without cladding (3 months)
- ◆ Seal joints with **Cladwrap FR tape** (25m x 75mm).



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XT-150



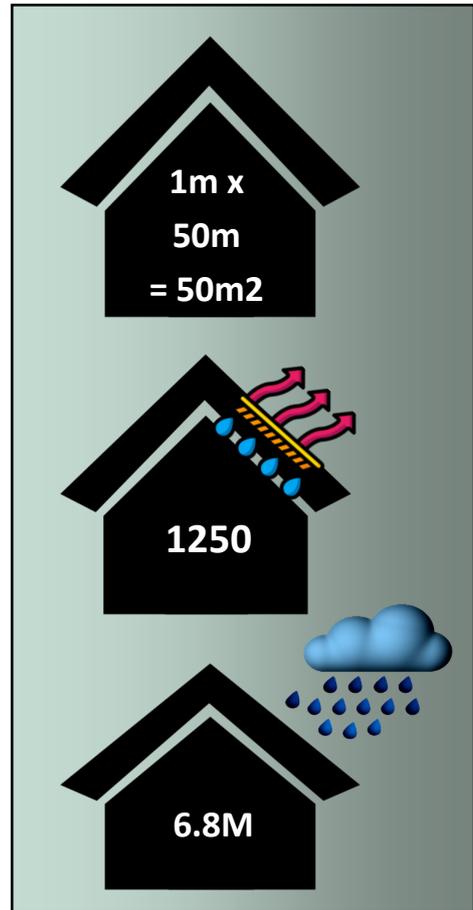
VAPOUR PERMEABLE UNDERLAY

MATERIAL

3 layer construction, Spunbonded polypropylene, engineered microporous film, Spunbonded polypropylene.

Key Attributes

- ◆ Suitable for roofing and walling applications.
- ◆ Excellent strength values.
- ◆ Helps avoid condensation risk.
- ◆ Highly vapour permeable membrane.
- ◆ UV Stabilised (4 months).
- ◆ 1m x 50m roll (1.5 x 50 also available).
- ◆ Black topside and Underside for a traditional look.
- ◆ Exceptional water resistance. 4 times more water resistant than W1 requirements!
- ◆ Lap lines at 100mm, 150mm, 200mm.



Product information

Mass	150g/m ²
Vapour permeability	Sd 0.02m. MNsg 0.1 or 1250 gms/ms per 24hrs
UV resistance	4 months
Number of layers	3 layer
Sizes available	1m x 50m / 1.5m x 50m
Head of Water (HOW)	6.8m
Tensile strength	300N and 250N



Conforms to BS5534

Install as per the ventilation requirements of BS5250