



TrioTex

R-FX

Vapour Barrier Underlay

TrioTex R-FX is a reflective three layer vapour barrier underlays reflecting heat energy and providing extra insulation. It consists of polyethylene foil, polypropylene bearing mesh and aluminized polyethylene layers. With self-adhesive overlapping parts **TrioTex "Plus"** type products provide easy application and price advantage with self-adhesive overlapping.



TrioTex R-FX Vapour Barrier Underlay

Application and Areas of Use

Underlay should be laid by being stretched with at least 10 cm overlapping and overlaps should be surely sealed with recommended adhesive tape. Overlapping width can vary according to vertical and horizontal applications for roof and facade. **"TrioTex Roof and Facade Solutions"** should be reviewed for details.

The edges of underlay and other surface should be sealed with mastic or butyl tapes. If the product is not PLUS type, TrioTex DS 38 double side acryl tape should be applied to underlay overlaps in between or TrioTex SP AL one side acryl tape should be applied to the overlaps top. A piece of underlay can be patched or TrioTex SP AL is also used as repairing tape for small damage or rips. Rolls have a physical surface of 75 m² and area to be covered is 70 m² at ideal conditions.

The surface of product should be protected from dust and water once it is unpacked. Application of adhesives such as tapes and mastic requires clean surfaces.

- It can be used in roofs with or without air ventilation.
- When used in attic on the interior of the roof, it prevents heat loss through convection. It provides appropriate climate conditions.

- It is applied over trapezoidal sheet metal in clamped metal roofs.

Advantages

- It is completely water vapor proof. It provides extra vapor and wind insulation.
- It provides an insulation wall against water, moisture and wind.
- It is designed for living spaces in attic.
- It is pliable and easy to apply.
- It prevents heat loss caused by free air circulation.
- It has high tearing strength by its bearing layer in the middle.
- High strength and ability to use for a long time with single application, makes TrioTex R-FX an environment friendly product.

Packaging and Storage

It is delivered in rolls in polyethylene packaging.

Roll dimensions: 1.5 x 50 m

Rolls should be kept on a clean surface in the storage facility either vertically or horizontally protected from sunlight.

TECHNICAL SPECIFICATIONS

[EN 13984]			R-FX 180
Mass per unit area	EN 1849-2	g/m ²	170
Roll weight	EN 1849-2	kg	13.2
Thickness	EN 1849-2	mm	0.3
Reaction to fire	EN 13501 EN 11925-2	Class	E (B1 DIN4102)
Water tightness	EN 1928	-	Conforming
Water vapour transmission properties (Sd)	EN 1931	m	200
Maximum tensile force MD / CMD	EN 12311-2 EN 13859-1	N/50mm	290 / 260
Elongation at max. tensile force MD / CMD	EN 12311-2 EN 13859-1	%	15/15
Resistance to tearing MD / CMD	EN 12310-2 EN 13859-1	N	180/180
Determination of resistance to impact	EN 12691	-	npd
Joint Strength	EN 12317-2	N	npd
Resistance to deformation under load	EN 13984	-	npd
Resistance to alkali	EN 13984 EN 12311-2	-	npd
Durability of water vapour resistance against ageing	EN 1296 EN 1931	-	Conforming



Roll Packing

