

ARBOFLEX® Advantage



Highly elastic and wear-resistant membrane



Adapts to any surface such as uneven, curved or irregular surfaces.



Instantly water resistant



Green roof compatible



Seamless finish



Scan for installation video

* All images in the flyer for illustration purposes only.

* For any specific application or product function please consult our Technical Department.

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CARLISLE
CM EUROPE

ARBOFLEX® PU

Liquid Waterproofing

ONE COMPONENT
POLYURETHANE MEMBRANE



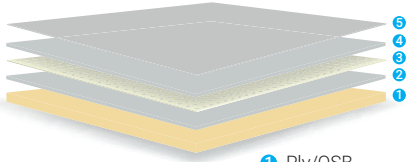
ARBOFLEX® PU / ENG / APRIL 2023



Overview

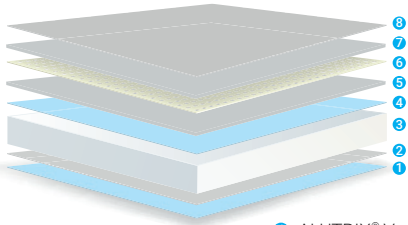
ARBOFLEX® PU is a single component liquid made from pure polyurethane which, once cured, forms a seamless elastic membrane without any joints. The material properties of ARBOFLEX® PU enable it to be air tight and waterproof on a range of substrates.

Cold Roof



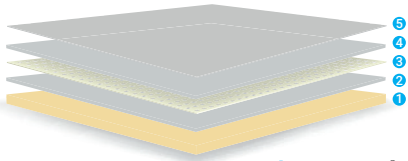
- 1 Ply/OSB
- 2 ARBOFLEX® PU Liquid Waterproofing
- 3 ARBOFLEX® 225 gsm Matt
- 4 ARBOFLEX® PU Liquid Waterproofing
- 5 ARBOFLEX® PU UV PROTECT

Warm Roof











- 1 ALUTRIX® Vapour Barrier Membrane
- 2 Insulation adhesive
- 3 CARLISLE® Insulation
- 4 ARBOFLEX® Liquid Carrier Membrane
- 5 ARBOFLEX® PU Liquid Waterproofing
- 6 ARBOFLEX® 225 gsm Matt
- 7 ARBOFLEX® PU Liquid Waterproofing
- 8 ARBOFLEX® PU UV PROTECT

Overlay



- 1 ARBOFLEX® PU SEALANT (fill cracks)
- 2 ARBOFLEX® PU Liquid Waterproofing
- 3 ARBOFLEX® 225 gsm Matt
- 4 ARBOFLEX® PU Liquid Waterproofing
- 5 ARBOFLEX® PU UV PROTECT

Application Instructions

-  Ensure substrate is in good condition, dry, clean and free from dust, moss or lichen, loose chippings and grease.
-  Use ARBOFLEX® PU Sealant to fill any cracks or splits or any large voids and joints. (Do not use silicone sealants)
-  Prepare matting by rolling out and cutting to length for main area, and shorter lengths for perimeters and upstands.
-  Open tin and stir the drum thoroughly.
-  Apply a generous coat of liquid (between 70–80%) before dry rolling the matt in, starting with the perimeters.
-  Dry roll matt in to the liquid layer until fully encapsulated.
-  Apply second coat (wet on wet) ensure matt is fully imbedded and there are no visual pin holes.
-  For 20 years guarantee apply ARBOFLEX® PU UV Protect.

Do's and Don't's

-  Do overlap matting by minimum 50 mm and use the frayed edge to blend in (rather than the straight edge).
-  For any awkward shapes or difficult detail leave the matting to soak into the liquid for 5 minutes, the matting will then roll tight into any shape.
-  For TPO OR EPDM substrates it is important to do an adhesion test prior to applying system.
-  Store unopened product away from direct sunlight and frost at temperatures between 5°C and 25°C.
-  Do apply a thin coat of the single component topcoat ideally within 48 hrs after waterproofing is complete (or nearest available opportunity).
-  If the topcoat is applied thick, it will take longer to dry. Use recommended amount only.
-  Don't leave pinholes on your first application as these become permanent holes that require filling.
-  Don't install in extreme temperatures i.e if frost is due or at over 35°C (on the substrate not just ambient temperatures).

Product Range



ARBOFLEX® PU UV PROTECT
Single component, aliphatic resin to protect against UV rays.



ARBOFLEX® PU THICKENER
Additive for thickening ARBOFLEX® PU membranes.



ARBOFLEX® MATT
225 gsm mesh for reinforcing of waterproofing membrane ARBOFLEX® PU at detail work and areas.



ARBOFLEX® PU ACCELERATOR
A single coat additive to ARBOFLEX® PU membrane to facilitate its physical and mechanical properties. It can accelerate drying time even in low temperatures.



ARBOTHANE 1245
One part polyurethane sealant which cures on exposure to moisture vapour to form a tough but flexible membrane.

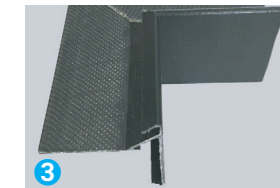
Trims



1



2



3



4

1 NON DRIP EDGE TRIM
3 NON DRIP CORNER

2 DRIP EDGE TRIM
4 DRIP CORNER