



Specialists in Roofing
and Waterproofing

ParaFlex

Liquid Applied Cold Resin Membrane

ParaFlex doesn't require a cure time between coats; speeding application and creating a continuous monolithic membrane that is fully bonded to the substrate.

ParaFlex is a fast curing, cold applied polyester resin waterproofing system suitable for both new build and refurbishment applications, including zero falls.

Designed for application either directly to a suitable substrate, over an existing waterproofing system or onto a suitable thermal insulation. ParaFlex can even be installed to zero falls in accordance with BBA Agreement certificate 09/4653 in an inverted or warm roof application.

Manufactured in Germany since 1976 ParaFlex is BBA Certified for 'at least 35 years' in exposed applications and 'for the design life of the roof' for inverted roof applications.

Mixed on site and applied in a 'wet on wet' application to encapsulate either a non-woven polyester or glass fibre carrier layer, ParaFlex doesn't require a cure time between coats; speeding application and creating a continuous monolithic membrane that is fully bonded to the substrate. Available in either black or light grey as standard (with other colours on request) the ParaFlex mix is adjusted to suit the weather; enabling ParaFlex to be installed in temperatures as low as -5°C.



Certificate No 09/4653





Above: Dark grey roof refurbishment

Right and left: Light grey roof refurbishment

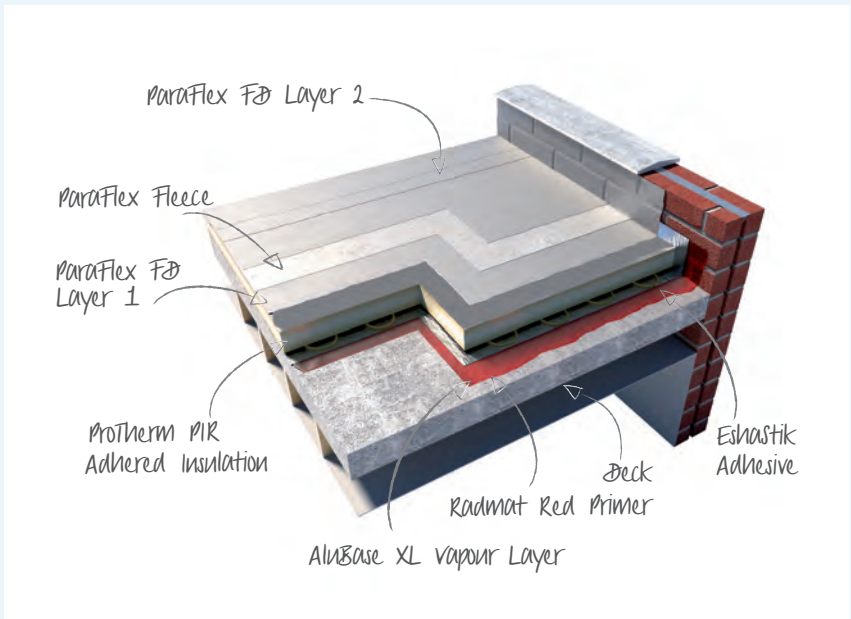
Below: New light grey balconies



Once completed the FLL Certified ParaFlex system can be left exposed or, in inverted applications, finished with a Radmat MedO living green roofs, pavers or ballast. Where used as a self-finish in exposed applications, a hard wearing walkable surface for walkways or balconies can also be created by scattering the final coat with coloured microchips for a pleasing aesthetic, or with kiln dried sand for delineation, or to provide a textured surface.

ParaFlex can also be used to provide long lasting waterproofing to water features, fountains or any other structure that is designed to hold and retain water.

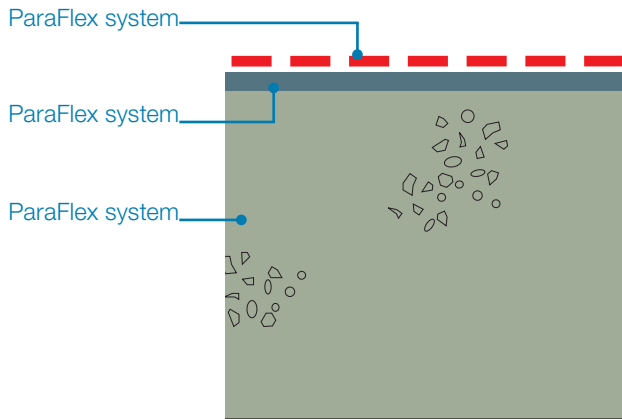
- Suitable for balconies and walkways
- Suitable for warm and inverted roofs
- Suitable for vertical applications and complex shapes and details
- Light foot traffic possible after 30 minutes, completely trafficable within 90 minutes.
- No curing time required between coats
- Suitable for green roof and roof garden applications
- Root resistant
- Will accommodate minor movement without damage
- Suitable for light foot traffic and light concentrated loads



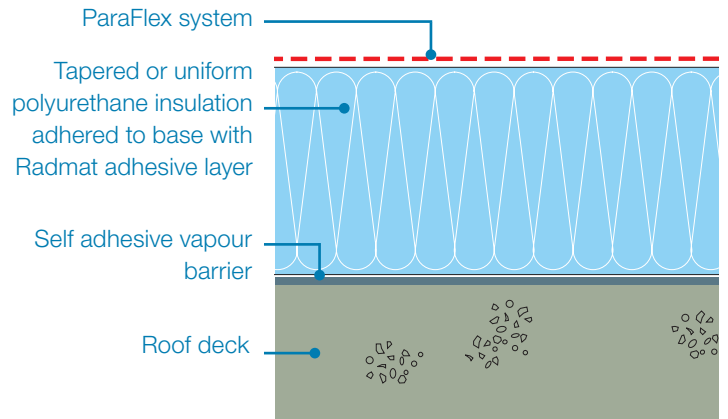
ParaFlex System – Liquid applied cold resin membrane

ParaFlex is designed for application either directly to a suitable substrate, over an existing waterproofing system or onto a suitable thermal insulation. ParaFlex can even be installed to zero falls in accordance with BBA Agreement certificate 09/4653 in an inverted or warm roof application.

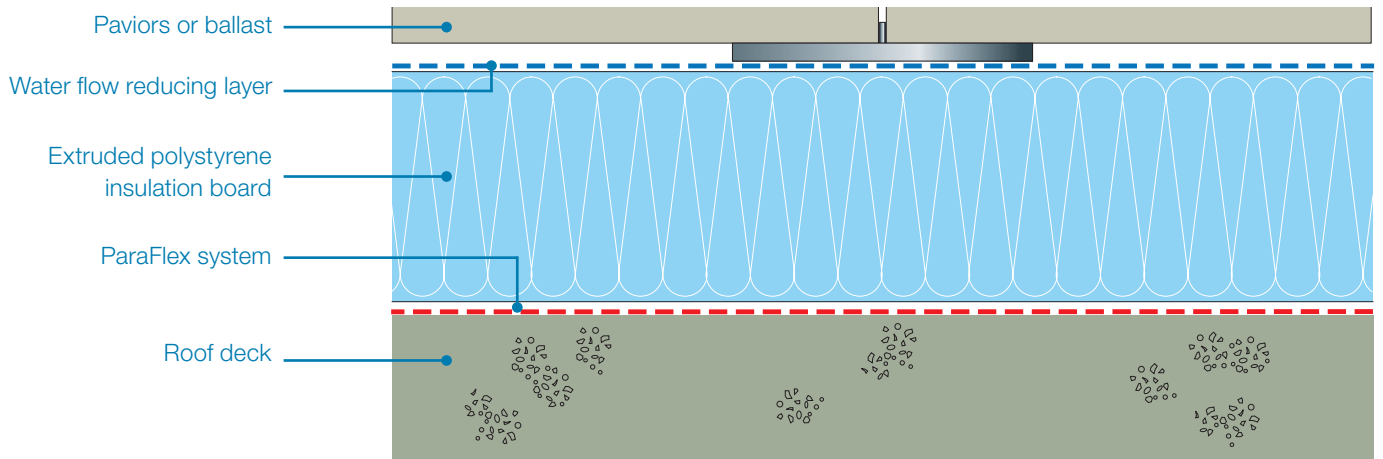
Overlay Cold Roof



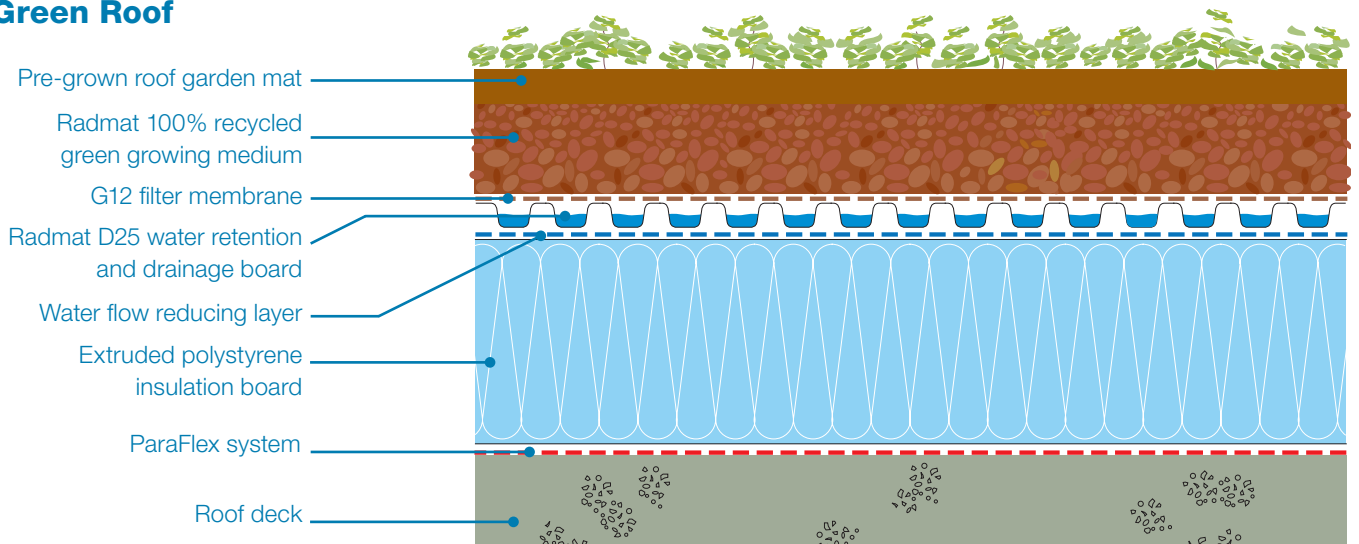
Warm Roof



Inverted Roof

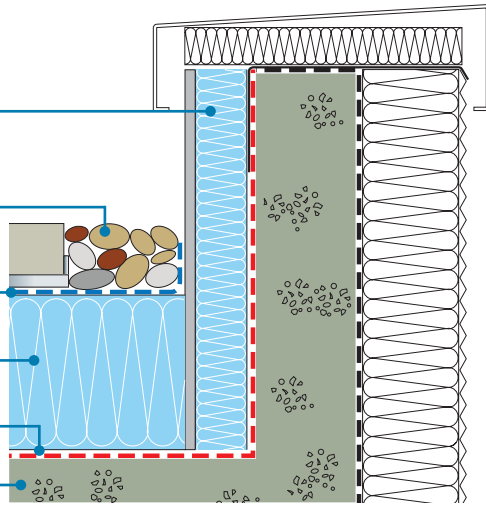


Green Roof



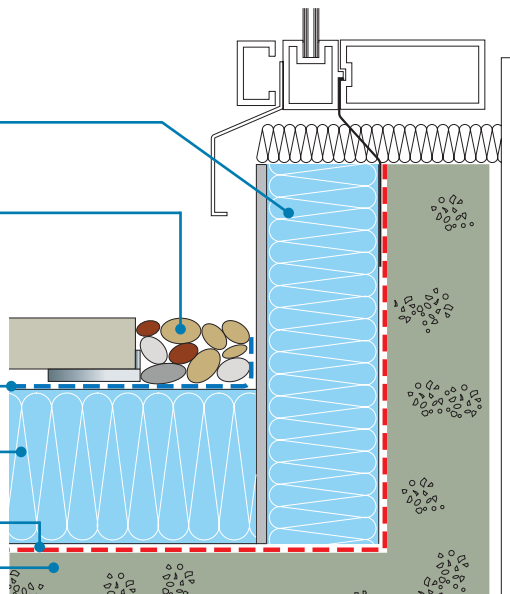
Parapet Detail

- Extruded polystyrene cementitious faced insulating board
- Paviors and ballast margin
- Water flow reducing layer
- Extruded polystyrene insulation board
- ParaFlex system
- Roof deck



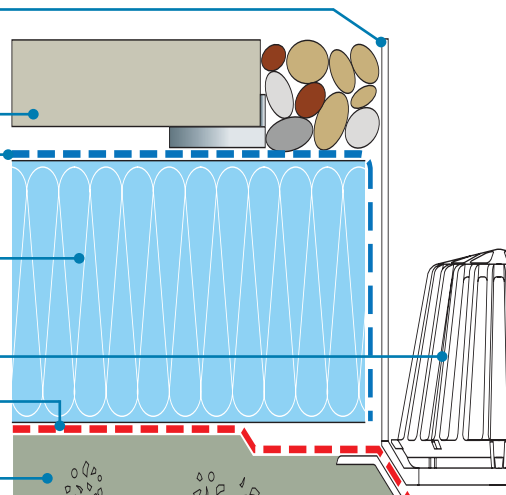
Upright Detail

- Extruded polystyrene cementitious faced insulating board
- Paviors and ballast margin
- Water flow reducing layer
- Extruded polystyrene insulation board
- ParaFlex system
- Roof deck



Outlet Detail

- Gravel guard
- Paviors and ballast margin
- Water flow reducing layer
- Extruded polystyrene insulation board
- Drainage outlet
- ParaFlex system
- Roof deck





ParaFlex PM Primer

A low-viscosity colourless reaction resin based on methyl methacrylate and a hardener powder.



ParaFlex FV Mastic

A one component fiber-reinforced MS-Polymer for the sealing of difficult and inaccessible roof details and



ParaFlex Universal Primer

A multi-purpose primer for use with ParaFlex FD.



ParaFlex FD

A UV stable liquid applied waterproofing system suitable for many roof types.



ParaFlex TopSiegel

Used to enhance the appearance and modify the colour of ParaFlex sealants used on flat roofs.



ParaFlex Fleece

A polyester fleece used to reinforce a number of seals made with liquid waterproofing.



ParaFlex Drag Strip Debonding tape used to create a slip joint or expansion joint beneath ParaFlex FD.

| Product Data | | |
|---------------------------|--------------------------------|---|
| Product | Description | Coverage |
| Universal PM Primer | 10kg drum | approx. 400 - 500 g/m ² |
| ParaFlex FV Mastic | 0.9 kg sausage. | - |
| ParaFlex Universal Primer | 5kg, 10kg, 20kg drums | approx. 300 - 500 g/m ² |
| ParaFlex FD | 10.55 kg and 21.10 kg | 2.4 kg/m ² and 3.0 kg/m ² |
| ParaFlex TopSiegel | 10 kg and 20kg | approx. 350 g/m ² (for special paints approx. 500 - 600 g/m ²) |
| ParaFlex Fleece | 250/350/500/700/105mm x 50m | - |
| ParaFlex Drag Strip | 0.10m x 50m | - |





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This information given in good faith being based on the latest knowledge available to Radmat Building Products Ltd. Whilst every effort has been made to ensure that the contents of the publication are current while going to press, customers are advised that products, techniques and codes of practice are under constant review and liable to change without notice.

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Parabola, incorporates ParaFlex Liquid Applied Cold Resin Membrane