

FM-20 Flat Roofing System

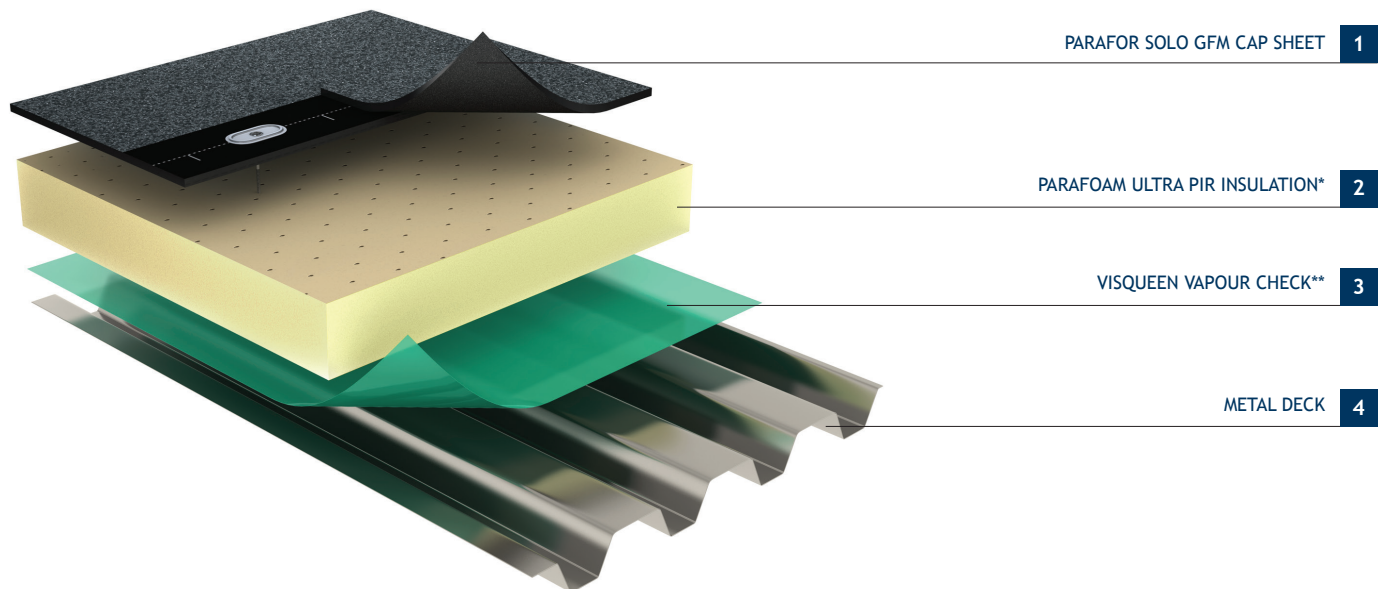
(SDsB4-0811)
Issue No: 3 - March 18

FM-20

The FM-20 system is a premium quality, mechanically fixed, single layer, high performance SBS elastomeric membrane warm roof system for flat or sloping roofs. Parafor Solo GFM cap sheet has a dark grey granule surface and carries an independently insured guarantee for 20 years for materials and workmanship. Note: Paradiene FM underlay is required at perimeters and openings.

When to Specify

This system is ideally suited to areas where light foot traffic is required, this system provides a more durable finish to other single layer systems available on the market.



Example installation depth shown above is typical.

FM-20 System			
Layer	Thickness	Weight	
1	Parafor Solo GFM	5mm (4mm at selvedge)	6.03kg/m ²
2	Parafoam Ultra	50 - 130mm (10mm increments)	4.16kg/m ² (130mm)
3	Visqueen Vapour check	250µm thick	0.23kg/ m ²
Total System weight:		(based on 130mm insulation thickness)	10.42kg/m ²

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Durability

- Robust yet flexible roof covering, 5mm thick, with non-slip slate granule surface provides ample durability and puncture resistance for maintenance foot traffic.
- Heavy Duty, 180 g/m² polyester/glass composite reinforcement provides robust watertight layer.



Resistance

- Parafor Solo GFM is covered by MOAT 31 (Reinforced Homogenous Coverings of SBS Elastomeric Bitumen).
- Parafor Solo GFM achieves a 'resistance to damage' rating of R4 (the highest level of acceptance) under MOAT 31.
- Parafor Solo GFM cap sheet has a F.AA fire rating and is Factory Mutual approved.



Life Span

- Long term solution - life expectancy in excess of 30 years.



Proven

- Proven Technology: original SBS elastomeric bitumen membrane system.
- Rapid installation, loose laid, with mechanical fixings along the laps which is secured by torching.
- Parafor and Paradiene membranes are covered by a BBA Agrément Certificate.
- The Langley FM-20 System meets NHBC Technical Standards Chapter 7.1 for roofs and balconies.



Guarantee

- The system carries a 20 year independently insured guarantee for materials, design, workmanship and consequential loss.
- Installed by our national Langley Approved Contractors and installers, ensuring only the highest quality of installation is maintained.
- User friendly, quick and easy to install.
- Full range of accessories/supporting products, all included under a single comprehensive guarantee, includes: rooflights, refurbishment outlets, vents, lead-free flashings, edge trims etc.
- All Langley elastomeric membranes have been developed in accordance with the European Union of Agrément (UEAtc) and are manufactured and tested in accordance with UEAtc MOAT special directives (Methods of Assessment and Testing).



Holistic Package

- For users peace of mind, this system is supported by the full Langley package that includes: surveys, condition reports and proposals, specifications, site monitoring and reporting, technical and design advice, guarantee inspections, all at no additional cost.

The above information is issued in good faith and without warranty and is intended as a guide only. The information comprises typical data and does not constitute a specification.