

TA-20 Flat Roofing System

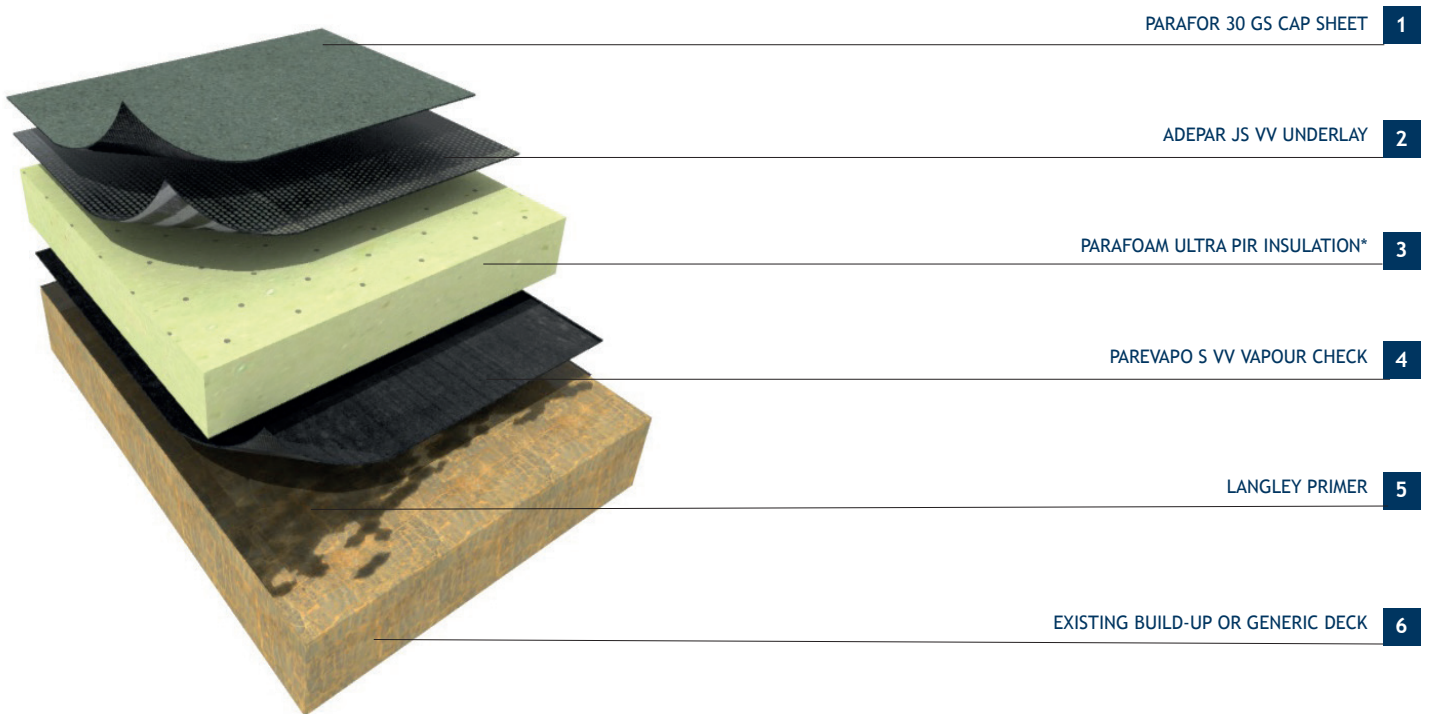
(SDsB1-0611)
 Issue No: 5 - May 18

TA-20

The TA-20 system, part of the Langley Parafor range, is a premium quality, torch applied, high performance SBS elastomeric membrane warm roof system for flat or sloping roofs which carries a 20 year independently insured guarantee for materials, design, workmanship and consequential loss. The cap sheet is available in several colours for architectural purposes and delineating walkways etc.

When to Specify

This system is for new build or refurbishment projects (where conditions allow, existing systems can be overlaid, avoiding costly strip-ups). Suitable for all roof decks (timber boarding requires a nailed attachment layer in accordance with BS 8747:2007).



Example installation depth shown above is typical.

TA-20 System		
Layer	Thickness	Weight
1	Parafor 30 GS	4mm (3mm at selvedge)
2	Adepar JS VV	2.2mm
3	Parafoam Ultra	30 - 250mm (10mm increments)
4	Parevapo S VV	2.9mm
Total System Weight		(based on 120mm insulation thickness)
		14.91kg/m ²

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Durability

- Extremely robust, yet flexible roof covering, 6.2mm thick, (4mm cap sheet, 2.2mm underlay).
- Slip resistant granule surface provides ample durability and puncture resistance for maintenance foot traffic.
- Durable glass fibre reinforced vapour check provides a robust, watertight layer.



Resistance

- TA-20 membranes are covered by MOAT 31 (Reinforced Homogenous coverings of SBS Elastomeric Bitumen).
- Parafor 30 GS achieves a 'resistance to damage' rating of R4 (the highest level of acceptance) under MOAT 31.
- TA-20 membranes achieve Broof (t4) fire rating BS EN 13501-5:2005.



Life Span

- Long term solution - life expectancy in excess of 40 years.



Proven

- Parafor and Paradiene membranes are covered by a BBA Agrément Certificate.
- Proven Technology: original SBS elastomeric bitumen membrane system.
- Proven track record: products used in the UK and Europe since 1987.
- Our Langley TA-20 System is in accordance with guidance outlined within NHBC technical requirements for flat roofs and balconies.



Guarantee

- The system carries a 20 year independently insured guarantee for materials, design, workmanship and consequential loss.
- Installed by our national network of Langley Approved Contractors and installers, ensuring only the highest quality of installation is maintained.
- User friendly, quick and easy to install.
- A full range of accessories/supporting products are included under a single comprehensive guarantee, which 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.