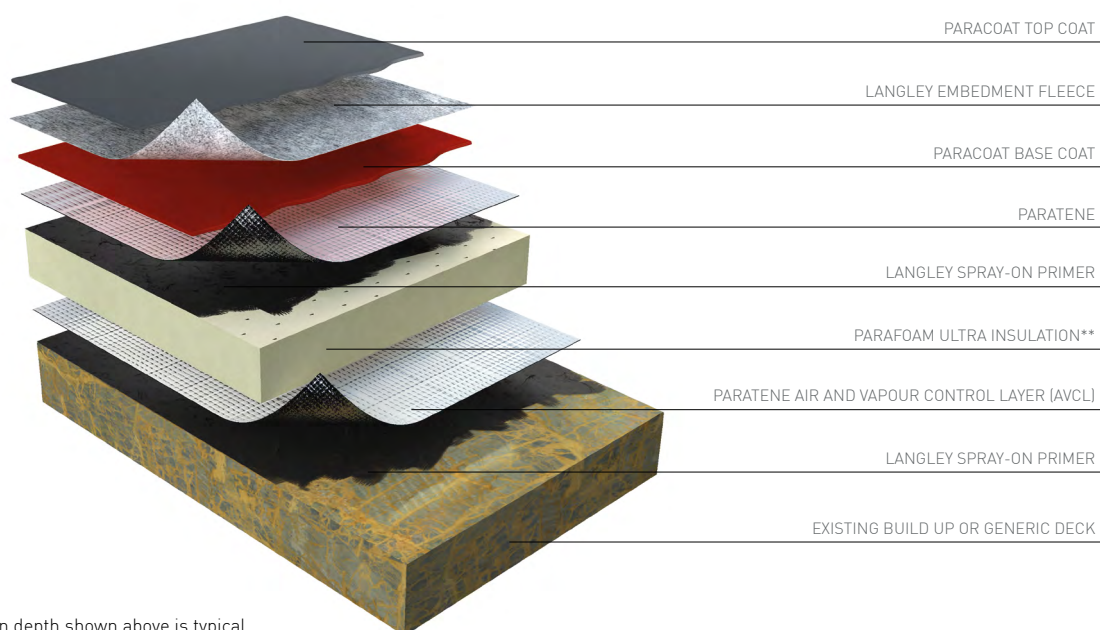


## PC-20 W Paracoat Liquid Roofing System



Example installation depth shown above is typical.

Layer		Thickness***	Weight***
1	Paracoat Top Coat (Ral: 7015 Mid Grey)	Overall thickness of coating 1500 microns	1.125 kg/m <sup>2</sup>
2	Langley Embedment Fleece		0.225 kg/m <sup>2</sup>
3	Paracoat Base Coat (Red)		1.5 kg/m <sup>2</sup>
4	Paratene	0.6mm	0.60 kg/m <sup>2</sup>
5	Parafoam Ultra	30 – 250mm (10mm incremental)	3.84 kg/m <sup>2</sup> (120mm)
6	Paratene	0.6mm	0.60 kg/m <sup>2</sup>
Total System Weight:		(based on 120mm insulation thickness)	7.89 kg/m <sup>2</sup>

### PC-20 W

The PC-20 W (warm roof) system is part of the Langley Paracoat range of cold applied liquid waterproofing systems. Paracoat is an advanced, single pack, high performance, moisture triggered polyurethane two coat waterproofing system for flat or sloping roofs that carries a 20 year\* independently insured guarantee covering design, materials, workmanship and consequential loss.

### WHEN TO SPECIFY

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

\* 25 year guarantee available, see guarantee section.

\*\* Additional insulation thicknesses are available or as a tapered (cut to falls) option.

\*\*\* Liquid coating measurements are nominal.

### SPECIFICATION SUPPORT



Free, no-obligation roof condition survey, where a data driven report is collated, supporting a cost-effective and compliant refurbishment specification and planned preventative maintenance (PPM) programme as part of estate asset management.



Bespoke specifications include detailed sectional drawings, insulation and rooflight drawings. Other non-standard drawings are created that generic would not cover such as fire risk areas.



Choosing Langley ensures that your project is technically monitored throughout, from its specification through to a full assurance guarantee once the roof installation is complete.

### ACCREDITATIONS





## RESISTANCE

- Tensile Strength: 11.5 N/mm<sup>2</sup>
- Shear Strength: 98.7 N.
- Elongation: 500% (un-reinforced).
- Fire Rating: Broof(t4) BS EN 13501-5:2016.



## DURABILITY

- Extremely robust, seamless yet flexible roof covering.
- Reinforced with glass fibre fleece.
- Permanently elastomeric.
- UV resistant.
- Cold applied with self-adhesive air and vapour control barrier and carrier membrane.
- Suitable for 'zero' falls application



## LIFE SPAN

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



## CERTIFIED

- Langley Paracoat products are covered by a BBA Agrément Certificate.
- The Langley PC-20 W System meets NHBC Technical Standards Chapter 7.1 for roofs and balconies.



## INSTALLATION

- Heat and flame free application.
- User friendly, quick and easy to install. Single pack, no 'on-site' mixing required.
- Curing is moisture triggered
- Full range of supporting products that includes specialist primers and colour options.
- Skid-inhibiting finish available for walkways, maintenance areas, fire escapes routes etc.



## GUARANTEED

- The system carries a 20 year independently insured guarantee for materials, design, workmanship and consequential loss.
- Guarantee can be extended to 25 years with the application of an additional coat.
- Installed by our national network of Langley Approved Contractors and installers, ensuring only the highest quality of installation is maintained.
- A full range of accessories/supporting products is included under a single comprehensive guarantee, which includes: rooflights, outlets, vents, lead-free flashings, edge trims etc.



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.

## HOLISTIC PACKAGE

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.

## LIQUID SYSTEM ACCESSORIES

