

# CP-20 W PARACOAT COLD POLYUREA Liquid Roofing System

(SDsL5-1118)

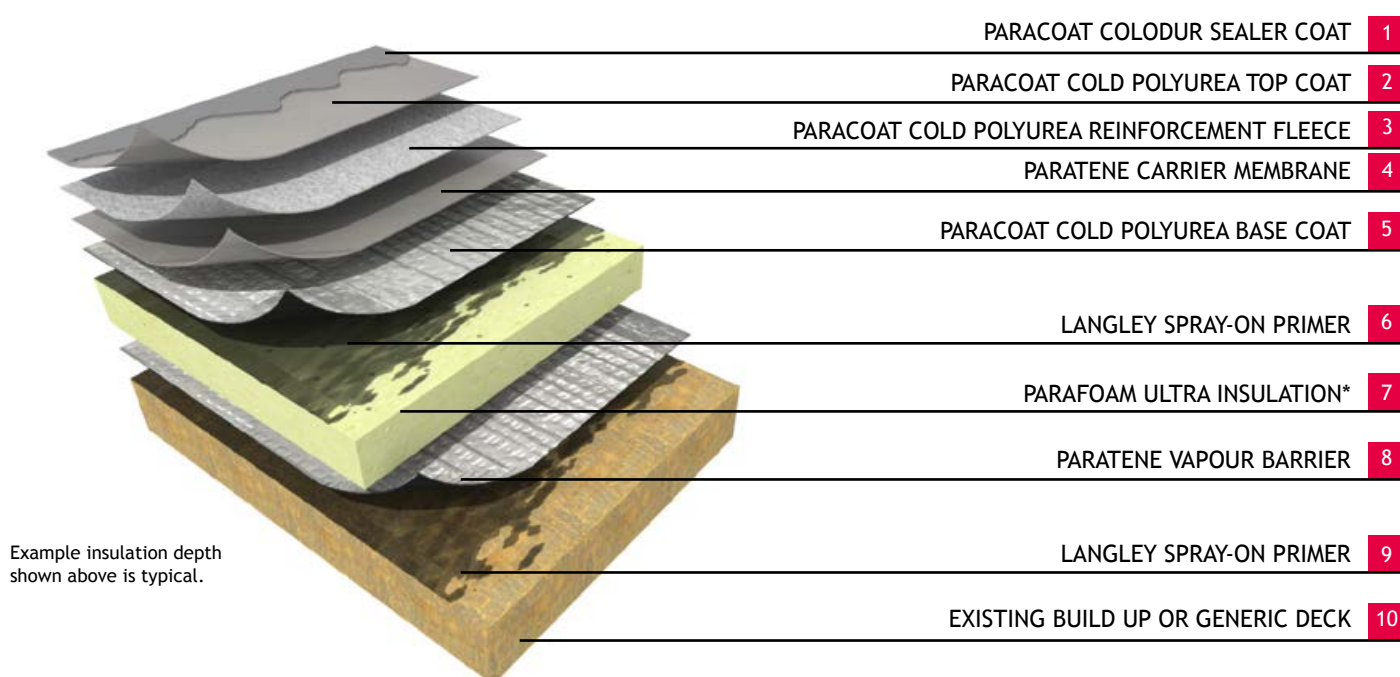
Issue No: 3 - November 19

## CP-20 W

The CP-20 W (warm roof) system is part of the Langley Paracoat range of cold applied liquid waterproofing systems. Paracoat Cold Polyurea is an advanced, two component, high performance, fast curing, wet on wet, two coat cold polyurea waterproofing system for flat or sloping roofs that carries a 20 year independently insured guarantee for materials, design and workmanship.

## 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 board requires a nailed attachment layer in accordance with BS 8747:2007).



CP-20 W System			
Layer		Thickness**	Weight**
1	Paracoat Colodur Sealer Coat (Dark Grey)	Overall thickness of coating 2250 microns	0.250kg/m <sup>2</sup>
2	Paracoat Cold Polyurea Top Coat (Light Grey)		1kg/m <sup>2</sup>
3	Paracoat Cold Polyurea Reinforcement Fleece		0.150kg/m <sup>2</sup>
4	Paracoat Cold Polyurea Base Coat (Light Grey)		1kg/m <sup>2</sup>
5	Paratene	0.6mm	0.60kg/m <sup>2</sup>
7	Parafoam Ultra	30 - 250mm (10mm incremental)	3.84kg/m <sup>2</sup> (120mm)
8	Paratene	0.6mm	0.60kg/m <sup>2</sup>
Total System Weight:		(based on 120mm insulation thickness)	7.44kg/m <sup>2</sup>

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

\*\* Liquid coating product measurements are nominal.

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### Durability

- Extremely robust, seamless yet flexible roof covering.
- Reinforced with glass fibre fleece.
- Permanently elastomeric.
- UV resistant.
- Cold applied with a self-adhesive vapour barrier and carrier membrane.



### Resistance

- Tensile Strength: 5.7 MPa.
- Tear Strength: 34 N/mm.
- Elongation: 600% (un-reinforced).
- Fire Rating: Broof(t4) BS EN 13501-5:2016.



### Life Span

- Long-term solution, life expectancy in excess of 25 years.



### Proven

- Langley Paracoat products are covered by a BBA Agrément Certificate.
- The Langley CP-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.
- Fast installation times with wet on wet application.
- Full range of supporting products that includes specialist primers and colour options.
- Slip-inhibiting finish available for walkways, maintenance areas, fire escape routes etc.



### 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.
- 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.



### 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.