

Caltech FCP-LO Roofing Systems feature a low-odour, catalyst-cured, cold-applied liquid membrane used in conjunction with insulation boards and air and vapour control layers (AVCL). When applied with embedded glass fibre reinforcement, the system creates a seamless, robust membrane that becomes rain-resistant within 10–20 minutes. Specifically developed for use in sensitive and occupied environments, Caltech FCP-LO's low-odour formulation makes it ideal for projects where odour control and minimal disruption are essential. Highly versatile, the system can be tailored to suit the specific needs of each project and is suitable for use across all building sectors in both refurbishment and new-build roofing and waterproofing applications.

## ✓ Where to Specify

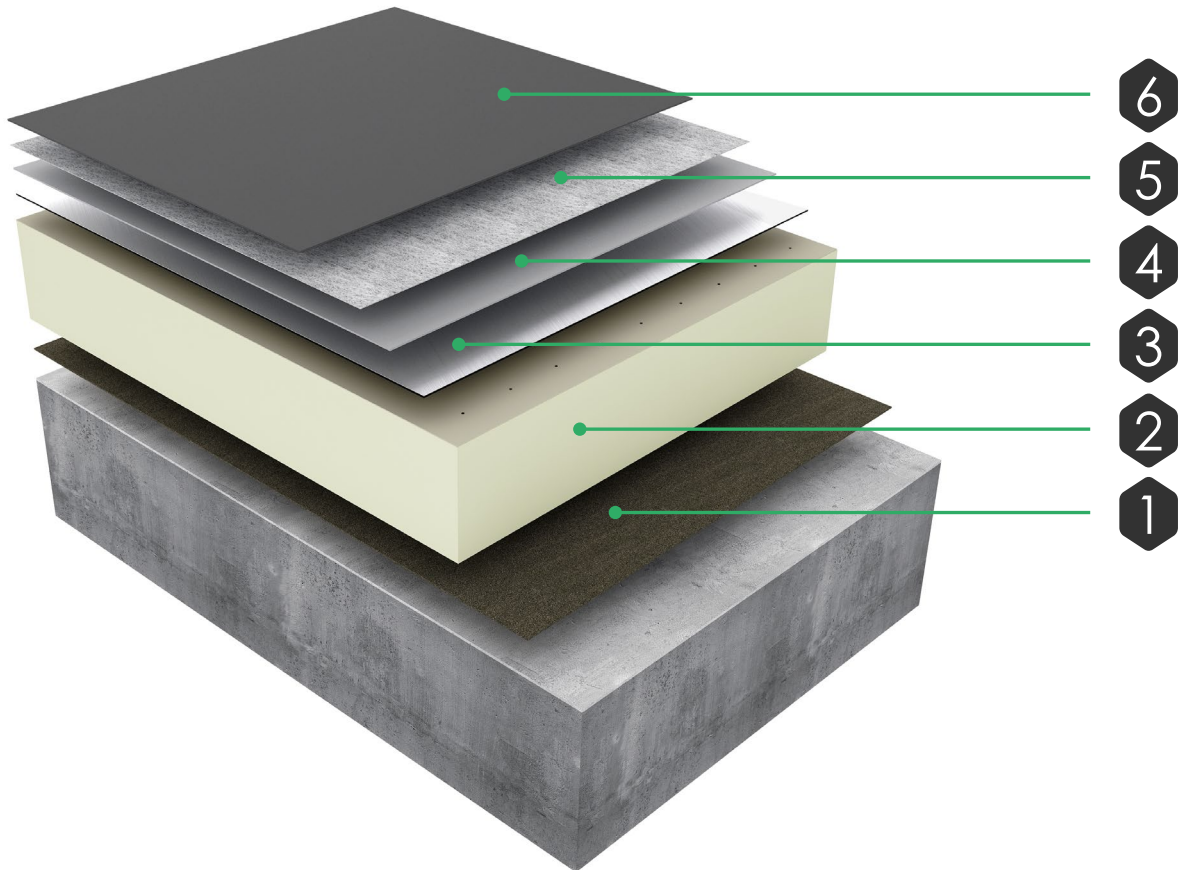
- New Build
- Refurbishment
- Cold roofs
- Warm roofs (all roofing insulations)
- Overlay of existing waterproofing systems
- Compatible with all conventional roofing substrates

## ✓ Durability

BBA Certified - When installed on stable substrates and regularly maintained, the system will have a life in excess of 30 years.

## 🏆 Warranties

Alumasc offers single-source warranty options for up to 25 years. Installed exclusively by Registered Contractors and underpinned by Alumasc's extensive project support service. Warranties cover product, workmanship, and design.

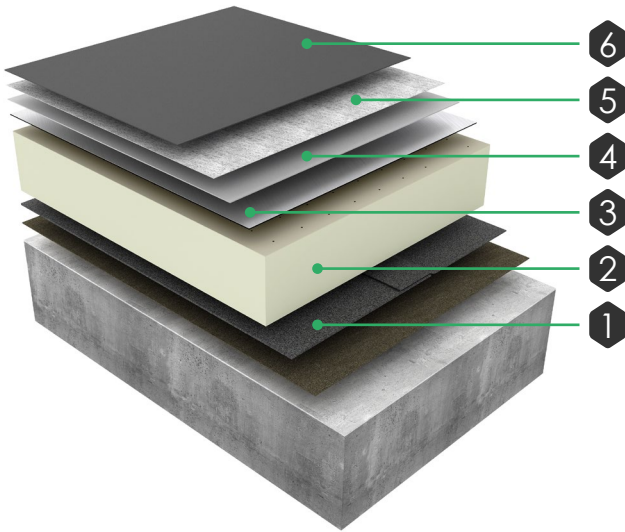


Typical Assembly	
6	Caltech FCP-LO top coat *
5	Caltech FCP450 GSM (glass fibre reinforcing matt)
4	Caltech FCP-LO embedment coat *
3	Caltech Preparation Layer
	Euroroof SA Primer
2	PIR Insulation (type GTF) or Class A fire rated alternative
	PU Insulation Adhesive
1	Air & Vapour Control Layer, type according to the substrate
	Alumasc Primer, type according to AVCL

\* Coverage rates vary according to warranty term and/or substrate condition.

# CALTECH FCP-LO

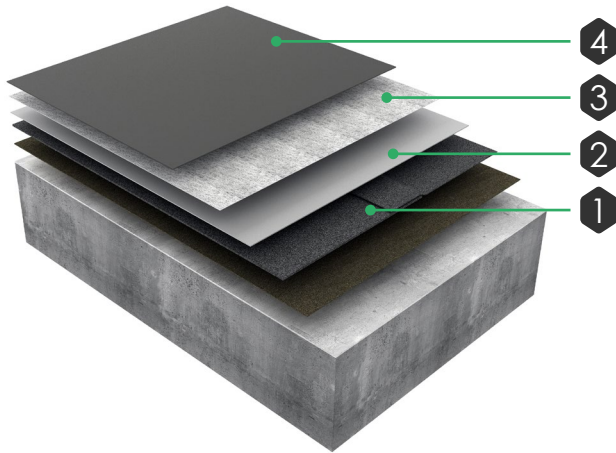
Other Common System Types



## Insulated Overlay of Existing Waterproofing

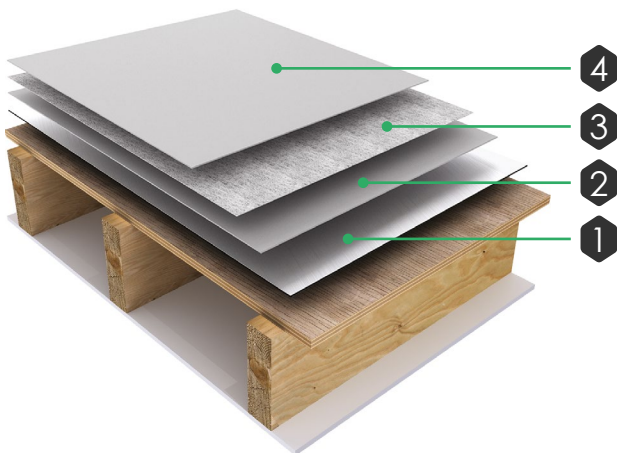
6	Caltech FCP-LO top coat
5	Caltech FCP450 GSM (glass fibre reinforcing matt)
4	Caltech FCP-LO embedment coat
3	Caltech Preparation Layer
	Euroroof SA Primer
2	PIR Insulation (type GTF) or Class A fire rated alternative
	PU Insulation Adhesive
1	Existing waterproofing

**NB.** Air & Vapour Control Layer may be required, subject to condition of the existing waterproofing.



## Cold Overlay to Existing Waterproofing

4	Caltech FCP-LO top coat
3	Caltech FCP450 GSM (glass fibre reinforcing matt)
2	Caltech FCP-LO embedment coat
	Caltech FCP Universal Primer
1	Existing waterproofing



## Cold Application to Plywood

4	Caltech FCP-LO top coat
3	Caltech FCP450 GSM (glass fibre reinforcing matt)
2	Caltech FCP-LO embedment coat
1	Caltech Preparation Layer
	Euroroof SA Primer



## Technical Support

Alumasc Technical Services can advise on all aspects of product selection, specification and integration of Alumasc systems into any building design.



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