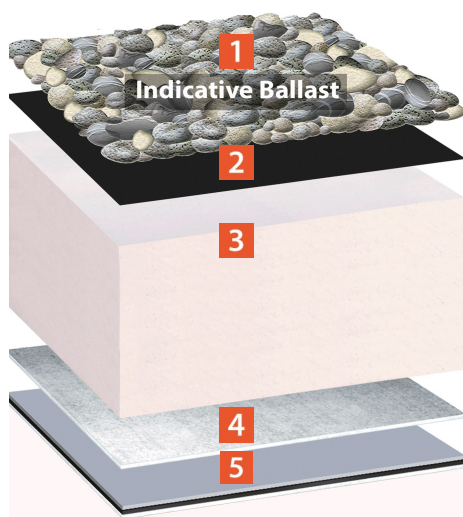


SYSTEM SUMMARY

THERMOPLAN FPO System

Single layer sheet inverted roof covering system - Loose laid fleece-backed FPO membrane with inverted EPS insulation and a ballast surface.

Loose ballasted, inverted, single ply waterproofing roof system suitable for new build, refurbishment and extensive green roof applications, and used primarily on concrete decks. A range of membrane colours are available.



| Product | Description | thickness | weight |
|---|---|------------------|-----------------------------|
| 1 Ballast or vegetation | Installed to achieve a permanent minimum load of 80kg/m ² to anchor the insulation in high winds / heavy rainfall. | Project specific | Project specific |
| 2 BauderJFRI WFRL | Vapour permeable polypropylene spun boned membrane | 0.45mm | 0.1kg/m ² |
| 3 JFRI PREMIUM+ Insulation | High performance rigid expanded polystyrene insulation; lightweight, high compressive strength; | 185mm | 5.55kg/m ² |
| 4 BauderSYN GV 120 | NOT REQUIRED FOR THERMOPLAN | | |
| 5 Bauder-THERMOPLAN T 15 V membrane | Loose laid 1.5mm FPO membrane with 2mm laminated fleece; pre-coated cross weave polyester reinforcement for high levels of tear resistance. | 3.5mm | 2.1kg/m ² |
| Waterproofing System Build up (excludes ballast) | | 188.95mm | 7.75kg/m² |

SYSTEM OPTIONS

| MEMBRANE COLOURS | |
|-----------------------------------|---|
| T 15 V Silver grey RAL 7001 |  |
| T 15 V Pearl white RAL 1013 |  |

| INSULATIONS | | |
|---|----------------|-----------------------------|
| Insulation to achieve 0.16 on a concrete deck | Thickness (mm) | Weight (kg/m ²) |
| BauderJFRI PREMIUM+ | 185 | 5.55 |
| BauderGLAS Inverted | 240 | 24.00 |
| BauderJFRI (300) | 195 | 7.80 |
| BauderXPS (300) | 220 | 6.60 |

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