



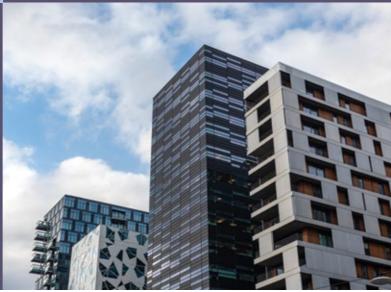
Advanced Technology - the integrated glass fibre fabric is non-combustible. The material offers superior aging resistance and dimensional stability, as well as heat resistance up to 100°C. This provides architects and specifiers with assurance that the membrane will have a very limited contribution to fire.

Compliant with Building Regulations Approved Document B: Fire Safety, EXOPERM MONO DURO A2 product system has been independently tested and certified as A2 in accordance with BS

Safer emissions - during a fire, it will not pose a risk of smoke inhalation for people, as it produces minimal to no smoke and does not release flaming droplets.

Monolithic Technology - The Monolithic functional layer provides enhanced protection for the building envelope transports vapour to outside, having great waterproofing properties, and creates a complete wind tight membrane that actively expels out any water/humidity – thermal insulation is protected from damage, enhancing energy efficiency.

Integrated product system – take advantage of our reliable and durable product system, which comes with a 20-year warranty.



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## **GENERAL CHARACTERISTICS**

| MATERIAL  | INNOVATIVE GLASS FIBRE AND BLACK COATING |
|-----------|--|
| WEIGHT    | 225 G/M <sup>2</sup>                     |
| THICKNESS | 0.23 MM                                  |
| COLOUR    | BLACK                                    |

### **ESSENTIAL CHARACTERISTICS**

| WATER VAPOUR PERMEABILITY (SD VALUE)  | EN 12572   | 0.09 м  |
|---|------------|---|
| VAPOUR RESISTANCE (G VALUE)   | EN 12572   | 0.47 MNS/G                                    |
| REACTION TO FIRE  | EN 13501-1 | EUROCLASS A2-S1,D0                            |
| RESISTANCE TO WATER PENETRATION BEFORE AGEING AFTER AGEING AT 5000 HOURS UNDER UV | EN 13111   | W2, PASS<br>W2, PASS                          |
| TENSILE STRENGTH MD/CD  | EN 12311-1 | 4200 / 3100 N / 50MM                          |
| ELONGATION MD/CD  | EN 12311-1 | 6 / 5% ±2                                     |
| NAIL TEAR RESISTANCE MD/CD  | EN 12310-1 | 290 / 390 N ±75                               |
| AIRTIGHTNESS  | EN 12114   | 0.006 M <sup>3</sup> /M <sup>2</sup> .H @50PA |
| WATER VAPOUR DIFFUSION  | EN 12572   | <b>458</b> μ                                  |
| UV RESISTANCE (WITHOUT CLADDING, 50% AND 50MM JOINTS)                             |            | PERMANENT                                     |
| FLEXIBILITY AT LOW TEMPERATURES   |            | -36°C   |
| CE LABELLING  | EN 13859-2 | AVAILABLE                                     |

### PACKAGING CHARACTERISTICS

| WIDTH                | 1.5 M |
|----------------------|-------|
| LENGTH               | 50 M  |
| TOTAL M <sup>2</sup> | 75 M² |

## **EXOPERM MONO DURO A2 ACCESSORY SYSTEM**



**ECHOSEAL ALU FR** 

Fire-rated air and windtight

#### TYPICAL APPLICATIONS

- Olosed, open or rear ventilated façade
- offices, hospitals, hotels, commercial centres, residential developments, etc.
- constructions





