

| | | | | ROOFMATE SL-A |
|---|----------------------------|-------------------|----------------------------|-----------------------------|
| Properties | Standard | Unit | CE Code | |
| Thermal conductivity* | | | | |
| ≤80mm | BS EN 12667 | W/mK | λD | 0.035 |
| 81-120mm | BS EN 12667 | W/mK | λD | 0.036 |
| >120mm | BS EN 12667 | W/mK | λD | 0.038 |
| Compressive strength at 10% or break (90 days) | BS EN 826 | kN/m ² | CS(10Y)i | 300 |
| Design load 2% maximum deflection (50 years) | BS EN 1606 | kN/m ² | CC(2/1.5/50)σ _c | 130 |
| Water vapor resistance | BS EN 12086 | MNs/gm | – | 925 |
| Water vapor diffusion resistance factor | BS EN 12086 | m | MU _i | 185 |
| Water absorption | | | | |
| Total immersion | BS EN 12087 | % vol | WL(T)i | <0.4 |
| Diffusion | BS EN 12088 | % vol | WL(V)i | <3 |
| Freeze/thaw, after 300 cycles | BS EN12091 | % vol | FTi | <1 |
| Dimensional stability | | | | |
| 48hrs at 70C/90%RH | BS EN 1604 | % | DS(TH) | <2 |
| 168hrs at 40kPa/70C | BS EN 1605 | % | DLT(2)5 | <5 |
| Density (aim) | BS EN 1602 | kg/m ³ | – | 38 |
| Dimensions | | | | |
| Length | BS EN 822 | mm | – | 1250 |
| Width | BS EN 822 | mm | – | 600 |
| Thickness | BS EN 823 | mm | Ti | 100,140,160,180 |
| Fire classification – reaction to fire | BS EN 13164 BS EN 13501 | – | Euroclass | E |
| Appearance | | | | |
| Surface | | | | skin |
| Edge profile | | | | shiplap |
| Application | | | | Inverted roofs ballasted |
| Certification | BBA Agreement | | | Applied for |
| * declared 90/90 value - BS EN 13164 | | | | |