

**BOOST INSULATION PERFORMANCE BY UP TO 20%, WITH UP TO 15% SAVINGS IN HOME ENERGY COSTS. ENERCOR® BLOCKS 85% OF RADIANT HEAT IN THE SUMMER KEEPING THE BUILDING COOL INSIDE AND HELPS TO ACHIEVE THE AIR TIGHTNESS REQUIREMENTS.**

## INSTALLATION GUIDELINES

Install horizontally or vertically beneath tiles or slates as the roof underlay with the reflective side facing downwards into a non-ventilated airspace. A clear airspace of nominal 25 mm must be maintained beneath the membrane for thermal efficiency. A non-ventilated cold roof void with insulation at joist level will provide a sufficient airspace for this purpose.

Fix with stainless steel staples or corrosion resistant nails, horizontal fixing 600 mm centres and vertical fixing 300 mm centres. Lay parallel to the eaves so that the leading edge laps onto the eaves carrier by a minimum of 150 mm.

Enercor® is suitable for use at rafter level (warm roof) or joist level (cold roof). Not suitable for use in supported applications.



| PROPERTY                                       | UNIT               | 3583M       | TEST METHOD        |
|--|--------------------|-------------|--------------------|
| Unit weight                                    | g/m <sup>2</sup>   | 84          | EN 1849-2          |
| Membrane thickness                             | µm                 | 220/220um   | na                 |
| Breathability                                  | m                  | 0,03        | EN ISO 12572 ( C ) |
| Fire classification                            | class              | (+)         | EN ISO 11925-2     |
| Hydrostatic pressure -water column             | m                  | 2           | EN 20811           |
| Tearing strength (MD)                          | N/50m              |             | EN 12311-1         |
| Breaking strength (XD)                         | N/50m              |             | EN 12311-1         |
| Deformation (MD)                               | %                  | 210         | EN 12311-1         |
| Tensile force (XD)                             | %                  | 10          | EN 12311-1         |
| Temperature resistance                         | ° C                | 13          | na                 |
| Wind tight                                     |                    | -40 to +100 | na                 |
| Resistant to UV                                | months             | 6           | na                 |
| Effective R-value of cavity - metallised sheet | m <sup>2</sup> K/W | 0,54        | EN ISO 6946        |
| Roll Dimensions width                          | m                  | 1,5         | na                 |
| Roll Dimensions, per roll                      | m                  | 50          | na                 |