

1. Unique identification code of the product-type: **TV3L/DOP/005U**
2. **Vent3® LIGHT** Breathable Roofing Underlay
3. Declaration of Performance to EN 13859-1 / EN 13859-2

| PROPERTIES | METHOD | UNITS | NOMINAL VALUE | TOLERANCE | |
|--|--------------------------|---|-------------------------|-----------|---------|
| | | | | MINIMUM | MAXIMUM |
| INFORMATIVE SECTION: | | | | | |
| LENGTH | EN 1848-2 | M % | 15, 25, 45, 50 | -0.5% | +1.5% |
| WIDTH | EN 1848-2 | M % | 1 & 1.5 | -0.5% | +1.5% |
| STRAIGHTNESS | EN 1848-2 | - | CONFORMING | | |
| MASS PER UNIT AREA | EN 1849-2 | (G/M ²) (%) | 95 | -10% | +10% |
| VISIBLE DEFECTS | EN 1850-2 | - | WITHOUT VISIBLE DEFECTS | | |
| NORMATIVE SECTION: | | | | | |
| REACTION TO FIRE | EN 13501 | (CLASS) | E | - | - |
| RESISTANCE TO WATER PENETRATION | EN 13859-1 | (CLASS) | W1 | - | - |
| WATER VAPOUR TRANSMISSION SD | EN 12572 | M | 0.027 | -0.01 | +0.015 |
| RESISTANCE TO PENETRATION OF AIR | EN 12114 EN 13859-1 | (M ³ /M ² /H/100PA) | NPD | - | - |
| MAXIMUM TENSILE FORCE MD/CD | EN 12311-1 EN13859-1 | N/50mm | 245/145 | -20/-20 | +20/+20 |
| ELONGATION MD/CD | EN 12311-1 EN 13859-1 | (%) | 60/96 | -10/-10 | +10/+10 |
| RESISTANCE TO TEARING MD/CD | EN 12310-1 | (N) | 83/93 | -20/-20 | +20/+20 |
| DIMENSIONAL STABILITY MD/CD | EN 1107-2 | (%) | -2.96/+0.56 | -0.7 | +0.4 |
| FLEXIBILITY AT LOW TEMPERATURE | EN 1109 | (°C) | -40 | - | - |
| CHANGE OF PROPERTIES AFTER ARTIFICIAL AGEING: | | | | | |
| RESISTANCE TO WATER PENETRATION | EN 13859-1 | (CLASS) | W1 | - | - |
| WATER VAPOUR TRANSMISSION SD | EN 12572 | M | 0.01 | - | - |
| MAXIMUM TENSILE FORCE MD/CD | EN 12311-1 | (%) | 195/135 | -20/-20 | +20/+20 |
| ELONGATION MD/CD | EN 12311-1 | (%) | 42/54 | -10/-10 | +10/+10 |

Notes: MD – Machine Direction, CD – Cross Machine Direction, NPD – No Performance Determined, * - As laid

4. PRODUCT APPLICATION EN 13859-1;2

Breathable waterproof roofing underlay manufactured by thermally bonding outer spunbonded polypropylene layers to inner layers of microporous polypropylene film for supported pitched roof construction with or without sarking. It can be applied in direct contact with thermal insulation. Can also be used for vertical wall construction as breathable membrane and wind barrier.

5. System or systems of assessment and verification of constancy of performance of the construction product as set out in annex V:

System 3.

THIS PRODUCT DOES NOT CONTAIN ANY DANGEROUS SUBSTANCES.

The declaration of performance identified in points 1 and 2 is in conformity with the declared performance in the point 3 above.

The declaration of performance is issued under the sole responsibility of the manufacturer identified in the header.

Signed for and on behalf of the manufacturer by:

E. Patterson

Elaine Patterson