

DECLARATION OF PERFORMANCE

| | |
|--|---|
| 1. PRODUCT DESIGNATION | Effisus Vapour FR |
| 2. NAME AND REGISTERED ADDRESS OF THE DISTRIBUTOR | UpWaySystems, Lda Rua José Oliveira Mendes, 44 4760-912 Vila Nova de Famalicão. Portugal Note: Effisus is a brand of Up-way Systems |
| 3. SYSTEM OF ASSESSMENT | 3 |
| 4. EUROPEAN STANDARD | EN 13984:2013 |
| 5. DESCRIPTION OF THE PRODUCT | Effisus Vapour FR is a high quality and multifunctional weatherproofing vapour barrier made of a special fiberglass technology achieving a fire resistant membrane, class A2 – s1, d0. It can be used in facade open and close rainscreen cladding, curtain walls and many other applications to protect the insulation. |
| 6. METHOD OF INSTALLATION | Effisus Vapour FR is mechanically fixed or adhered using adhesive tapes to a substrate (concrete, insulation, cement particle board, PVC, aluminium, steel or others). |

DECLARATION OF PERFORMANCE

7. ESSENTIAL CHARACTERISTICS

| Essential Characteristics | Method | Result | Harmonized technical specification |
|--|-------------------------|-----------------|------------------------------------|
| Sd Value (m) | EN 1931 | >1500 | EN 13984:2013 |
| Vapour Resistivity (MNs/g) ^{a)} | EN 1931 | >7500 | |
| Reaction to fire | EN 13501-1:2007+A1:2009 | Class A2-s1, d0 | |
| Water Penetration | EN 1928 | W1, passed | |
| Tensile Strength MD (N/50mm) | EN 12311-1 | 700 | |
| Tensile Strength CD (N/50mm) | EN 12311-1 | 400 | |
| Elongation CD (%) | EN 12311-1 | 3 | |
| Elongation MD (%) | EN 12311-1 | 3 | |
| Tearing Resistance MD (N) | EN 12310-1 | 170 | |
| Tearing Resistance CD (N) | EN 12310-1 | 130 | |
| Artificial ageing by long term exposure | EN 1296 / EN 1931 | Passed | |

^{a)} Vapour Resistivity test result considering the vapour permeability of still air, in UK, 0.2 gm/MNS. The Vapour Resistivity was calculated based on the Vapour Resistance (Sd) tested, in accordance with EN 1931.

05/11/2019 – V2.1 - MC