

## DECLARATION OF PERFORMANCE

### MEDITE MR

Reference Number: **CADOP03**

**MEDITE EUROPE DAC**

**Redmondstown**

**Clonmel**

**County Tipperary**

**Ireland**

| Product Type                                                                                                        | Intended Use                                                  | AVCP* | Approved Body Reference |
|---------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|-------|-------------------------|
| MDF.H-1                                                                                                             | Internal use as non-structural components in humid conditions | 4     | Not Applicable          |
| *Assessment and verification of constancy of performance system according to Annex V of regulation (EU) No 305/2011 |                                                               |       |                         |

### Declared Performance

| Essential characteristics                             | Performance       |         |         |          |           |           |           | Designated Standard   |
|-------------------------------------------------------|-------------------|---------|---------|----------|-----------|-----------|-----------|-----------------------|
| Thickness Range                                       | 3 to 4            | >4 to 6 | >6 to 9 | >9 to 12 | >12 to 19 | >19 to 30 | >30 to 45 | EN 13986:2004+A1:2015 |
| Internal bond (N/mm <sup>2</sup> )                    | 0.70              | 0.70    | 0.80    | 0.80     | 0.75      | 0.75      | 0.70      |                       |
| Swelling in thickness (%)                             | 30                | 18      | 12      | 10       | 8         | 7         | 7         |                       |
| Internal bond after cyclic test (N/mm <sup>2</sup> )  | 0.35              | 0.35    | 0.30    | 0.25     | 0.20      | 0.15      | 0.10      |                       |
| Swelling in thickness after cyclic test (%)           | 40                | 25      | 19      | 16       | 15        | 15        | 15        |                       |
| Release of formaldehyde                               | E1                | E1      | E1      | E1       | E1        | E1        | E1        |                       |
| Reaction to fire                                      | NPD               | NPD     | NPD     | D-s2,d0  | D-s2,d0   | D-s2,d0   | D-s2,d0   |                       |
| Water vapour permeability μ                           | NPD               | NPD     | NPD     | NPD      | NPD       | NPD       | NPD       |                       |
| Airborne sound insulation (surface mass) (R)          | NPD               | NPD     | NPD     | NPD      | NPD       | NPD       | NPD       |                       |
| Sound absorption Frequency range 250Hz to 500Hz (α)   | NPD               | NPD     | NPD     | NPD      | NPD       | NPD       | NPD       |                       |
| Sound absorption Frequency range 1000Hz to 2000Hz (α) | NPD               | NPD     | NPD     | NPD      | NPD       | NPD       | NPD       |                       |
| Thermal conductivity λ                                | NPD               | NPD     | NPD     | NPD      | NPD       | NPD       | NPD       |                       |
| Biological durability                                 | Use Classes 1 & 2 |         |         |          |           |           |           |                       |
| Release (content) of pentachlorophenol (PCP)          | ≤5ppm             | ≤5ppm   | ≤5ppm   | ≤5ppm    | ≤5ppm     | ≤5ppm     | ≤5ppm     |                       |

This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011 as it has effect in the United Kingdom in respect of Great Britain, under the sole responsibility of the manufacturer identified above

Signed for and on behalf of the manufacturer by:



Guillaume Coste. Structural Engineer

Clonmel, Ireland. 04/04/2023