

## DECLARATION OF CONFORMITY, UPM PLYWOOD

No. **UPM014CPR**

1. Unique identification code of the product-type:  
Non-structural spruce plywood, uncoated or coated, 9–50 mm
2. Intended uses:  
For internal use as a non-structural component in dry conditions, EN 636-1  
For protected external use as a non-structural component in humid conditions, EN 636-2
3. Manufacturer:  
WISA®  
UPM Plywood Oy  
P.O. Box 203  
FI-15141 Lahti, Finland  
www.wisaplywood.com
4. Authorized representative  
UPM Wood Material (UK) Limited  
Rutherford House, First Floor, Warrington Road, Birchwood  
Warrington, Cheshire  
WA3 6ZH  
United Kingdom
5. System of AVCP:  
AVCP system 4
7. Declared performance:

| Essential characteristics          | Performance                        | Harmonised standard   |
|------------------------------------|------------------------------------|-----------------------|
| Point load strength and stiffness  | NPD                                | EN 13986:2004+A1:2015 |
| Racking resistance                 | NPD                                |                       |
| Impact resistance                  | NPD                                |                       |
| Water vapour permeability $\mu$    | Wet 66, dry 190 (uncoated)         |                       |
|                                    | Mean density 460 kg/m <sup>3</sup> |                       |
| Release of formaldehyde            | E1                                 |                       |
| Content of pentachlorophenol (PCP) | ≤ 5 ppm                            |                       |
| Airborne sound insulation          | NPD                                |                       |
| Sound absorption $\alpha$          | 0,10/0,30                          |                       |
| Thermal conductivity $\lambda$     | 0,13 W/mK                          |                       |
| Embedment strength                 | NPD                                |                       |
| Air permeability                   | NPD                                |                       |
| Bonding quality (acc. to EN 314-2) | Class 3                            |                       |
| Biological durability              | Use class 2                        |                       |

(1)

| Reaction to fire                                                                                     |                        |                                            |                                  |
|------------------------------------------------------------------------------------------------------|------------------------|--------------------------------------------|----------------------------------|
| End use condition <sup>(6)</sup>                                                                     | Minimum thickness (mm) | Class <sup>(7)</sup> (excluding floorings) | Class <sup>(8)</sup> (floorings) |
| Without an air gap behind the wood-based panel <sup>(1), (2), (5)</sup>                              | 9                      | D-s2, d0                                   | D <sub>fl</sub> -s1              |
| With a closed or an open air gap not more than 22 mm behind the wood-based panel <sup>(3), (5)</sup> | 9                      | D-s2, d2                                   | –                                |
| With a closed air gap behind the wood-based panel <sup>(4), (5)</sup>                                | 15                     | D-s2, d1                                   | D <sub>fl</sub> -s1              |
| With an open air gap behind the wood-based panel <sup>(4), (5)</sup>                                 | 18                     | D-s2, d0                                   | D <sub>fl</sub> -s1              |
| Any <sup>(5)</sup>                                                                                   | 3                      | E                                          | E <sub>fl</sub>                  |

Mounted without an air gap directly against class A1 or A2-s1, d0 products with minimum density 10kg/m<sup>3</sup> or at least class D-s2, d2.

<sup>(2)</sup> A substrate of cellulose insulation material of at least class E may be included if mounted directly against the wood-based panel, but not for floorings.

<sup>(3)</sup> Mounted with an air gap behind. The reverse face of the cavity shall be at least class A2-s1, d0 products with minimum density 10 kg/m<sup>3</sup>.

<sup>(4)</sup> Mounted with an air gap behind. The reverse face of the cavity shall be at least class D-s2, d2 products with minimum density 400 kg/m<sup>3</sup>.

<sup>(5)</sup> Veneered, phenol- and melamine-faced panels are included for class excl. floorings.

<sup>(6)</sup> A vapour barrier with a thickness up to 0,4 mm and a mass up to 200 g/m<sup>2</sup> can be mounted in between the wood-based panel and a substrate if there are no air gaps in between.

<sup>(7)</sup> Class as provided for in Table 1 of the Annex to Decision 2000/147/EC.

<sup>(8)</sup> Class as provided for in Table 2 of the Annex to Decision 2000/147/EC.

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Lahti, Finland, January 1st, 2023



Riku Härkönen, Product Manager  
UPM Plywood