

# Declaration of performance

No. 006-004

1. Identification code  
**best wood TOP 140**
2. Application  
**Thermal insulation of buildings**
3. Manufacturer  
**Holzwerk Gebr. Schneider GmbH,  
Kappel 28  
88436 Eberhardzell**
4. Authorized person  
**Not relevant**
5. System for assessment and verification of the constancy of performance  
**System 3**
6. Harmonised standard  
**EN 13171:2012+A1:2015**  
Notified body  
**MPA Stuttgart 0672**
7. Declared performances

| Essential characteristics   | Performance                |                            | Harmonised technical specification |
|---|----------------------------|----------------------------|------------------------------------|
| Thermal resistance  | Thermal resistance         | RD Table 1                 | EN 13171:2012<br>+A1:2015          |
|   | Thermal conductivity       | $\lambda_D$ 0.040<br>W/m*K |                                    |
|   | Thickness                  | Table 1                    |                                    |
|   | Thickness tolerance class  | T5                         |                                    |
| Reaction to fire  | Reaction to fire           | E                          |                                    |
| Durability of reaction to fire under the influence of heat, weather, ageing/degradation   | Durability characteristics | NPD                        |                                    |
| Durability of thermal resistance under the influence of heat, weather, ageing/degradation | Thermal resistance         | RD Table 1                 |                                    |
|   | Thermal conductivity       | $\lambda_D$ 0.040 W/m*K    |                                    |
|   | Durability characteristics | NPD                        |                                    |
|   | Dimensional stability      | DS(70,-)2                  |                                    |
| Compression strength  | Compressive stress         | CS(10/Y)100                |                                    |
|   | Point load                 | NPD                        |                                    |

|  |  |       |  |
|--|--|-------|--|
| Tensile / bending strength   | Tensile strength perpendicular to the plane of the board | TR20  |  |
|  | Tensile strength parallel to the plane of the board      | NPD   |  |
| Durability of compression strength under the influence of ageing/degradation | Creep behaviour under compressive stress                 | NPD   |  |
| Water permeability   | Short time water absorption                              | WS 1  |  |
| Water vapor permeability   | Water vapor transmission                                 | MU3   |  |
| Impact sound transmission (for floors)                                       | Dynamic stiffness  | NPD   |  |
|  | Thickness  | NPD   |  |
|  | Compressibility  | NPD   |  |
|  | Flow resistance  | NPD   |  |
| Acoustic absorption level  | Acoustic absorption                                      | NPD   |  |
| Airborne sound insulation level  | Flow resistance  | AFr75 |  |
| Release of hazardous substances, emission into building interior             | Release of hazardous substances                          | NPD   |  |
| Smouldering behaviour  | Smouldering behaviour                                    | NPD   |  |
| NPD: No performance determined   |  |       |  |

Table 1

| Thickness [mm]                                | 80   | 100  | 120  | 140  | 160  | 180  | 200  | 220  | 240  |
|---|------|------|------|------|------|------|------|------|------|
| Thermal resistance<br>$R_D [(m^2 \cdot K)/W]$ | 2.00 | 2.50 | 3.00 | 3.50 | 4.00 | 4.50 | 5.00 | 5.50 | 6.00 |

8. The performance of the above product fulfils the declared performance. The above mentioned manufacturer has the sole responsibility for the preparation of the declaration of performance in accordance with the regulation (EU) No. 305/2011.

Signed for and on behalf of the manufacturer by:

**Ferdinand Schneider**  
Managing director  
Eberhardzell, 30/08/2025

