

# Declaration of Performance for the construction product **best wood TOP 140**

|    |                       |                                                                                                                |                                            |                                           |
|----|-----------------------|----------------------------------------------------------------------------------------------------------------|--------------------------------------------|-------------------------------------------|
| 0  | Number                | <b>006 - 002</b>                                                                                               |                                            |                                           |
| 1  | Identification code   | <b>8033 - Top 140</b>                                                                                          |                                            |                                           |
| 2  | Charge number         | <b>is given on the product identification</b>                                                                  |                                            |                                           |
| 3  | Intended use          | <b>thermal insulation of buildings</b>                                                                         |                                            |                                           |
| 4  | Manufacturer          | <b>Holzwerk Gebr. Schneider GmbH, Kappel 28, 88436 Eberhardzell</b>                                            |                                            |                                           |
| 5  | Authorized person     | <b>no authorized person</b>                                                                                    |                                            |                                           |
| 6  | System of assessment  | <b>System 3</b>                                                                                                |                                            |                                           |
| 7  | Base of the DoP       | <b>DIN EN 13171 initial test according to Annex C<br/>DIN EN 13172 by the notified body MPA Stuttgart 0672</b> |                                            |                                           |
| 8  | Declared performances | <b>Essential characteristics</b>                                                                               | <b>Performance</b>                         | <b>Harmonized technical specification</b> |
|    |                       | Fire resistance                                                                                                | E                                          | DIN EN 13501                              |
|    |                       | Specified sizes (length/width/ thickness)                                                                      | according to the declarations on the label |                                           |
|    |                       | Limiting dimension                                                                                             | T4                                         |                                           |
|    |                       | Compression strength                                                                                           | CS (10\Y)100                               |                                           |
|    |                       | Tensile strength vertically to the board                                                                       | TR 20                                      |                                           |
|    |                       | Density kg/m <sup>3</sup>                                                                                      | 140                                        |                                           |
|    |                       | Thermal conductivity $\lambda_0$ W/(m·K)                                                                       | 0,040                                      | DIN EN13171                               |
|    |                       | Thermal resistance $R_0$ (m <sup>2</sup> K/W)                                                                  | according to the indication on the label   |                                           |
|    |                       | Absorption of water                                                                                            | WS1                                        |                                           |
|    |                       | Water vapor permeability $\mu$                                                                                 | 3                                          |                                           |
|    |                       | Denomination of the dimensional stability at 70°C                                                              | not relevant to exam                       |                                           |
|    |                       | Sound absorption coefficient                                                                                   | not relevant to exam                       |                                           |
|    |                       | Dynamic stiffness                                                                                              | not relevant to exam                       |                                           |
| 10 | Responsibility        | <b>Eberhardzell 1-Dec-2016<br/>Ferdinand Schneider</b>                                                         |                                            |                                           |

