**DECLARATION OF PERFORMANCE**

No. ARM 4.09.2

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**Unique identification code of the product-type:**

T 4.09

Optima Baffles / Optima Baffles Curves

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**Intended use/es:**

Suspended ceiling membrane component for internal use

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**Manufacturer:**

Armstrong Building Products B.V.  
Noorderstraat 388A, 9611 AW Sappemeer, Netherlands

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**System/s of AVCP:**

- Reaction to fire: System 1
- Release of formaldehyde: System 3
- Sound absorption: System 4

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**Harmonised standard:**

EN 13964:2014

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**Notified Body/ies:**

Element Rotterdam (2812) - Certificate of Constancy of Performance No. ERO2812-CPR-BC0052

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**Declared performance**

<table>
<thead>
<tr>
<th>Essential characteristic</th>
<th>Performance</th>
<th>Harmonised technical specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reaction to fire</td>
<td>B-s1,d0</td>
<td></td>
</tr>
<tr>
<td>Release of formaldehyde</td>
<td>E1</td>
<td></td>
</tr>
<tr>
<td>Flexural tensile strength</td>
<td>NPD</td>
<td>EN 13964:2014</td>
</tr>
<tr>
<td>Sound absorption</td>
<td>See table 1</td>
<td></td>
</tr>
<tr>
<td>Thermal conductivity</td>
<td>NPD</td>
<td></td>
</tr>
<tr>
<td>Durability</td>
<td>NPD</td>
<td></td>
</tr>
</tbody>
</table>

The performance of the product identified above is in conformity with the set of declared performance/s. 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:

Wilfred Middel  
VP and Managing Director, ABP EMEA  
Armstrong Building Products B.V.

Place/date of issue: Uxbridge, 2019-04-12
**Table 1**

<table>
<thead>
<tr>
<th>Height (mm)</th>
<th>Total depth (mm)</th>
<th>Spacing (mm)</th>
<th>Sound absorption $\alpha_w$</th>
</tr>
</thead>
<tbody>
<tr>
<td>400</td>
<td>1000</td>
<td>450</td>
<td>0.60(MH)</td>
</tr>
</tbody>
</table>