### Material Properties Trespa Athlon

<table>
<thead>
<tr>
<th>Property</th>
<th>Metric Value</th>
<th>Us Value</th>
<th>Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific gravity</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Panel tolerance</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Chemical Properties

<table>
<thead>
<tr>
<th>Resistance to Impact</th>
<th>Metric Value</th>
<th>Us Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>north america GREEnGUaRD®</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type FR: Smoke developed</th>
<th>Metric Value</th>
<th>Us Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>north america type FR</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>thickness (mm)</th>
<th>Metric Value</th>
<th>Us Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 mm (3/4 in)</td>
<td>11.0 kg/m²</td>
<td>9,000 n/mm²</td>
</tr>
<tr>
<td>16 mm (5/8 in)</td>
<td>9,000 n/mm²</td>
<td></td>
</tr>
<tr>
<td>6 mm (1/4 in)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Gloss

<table>
<thead>
<tr>
<th>length &amp; Width</th>
<th>Metric Value</th>
<th>Us Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>- 0.0/+5 mm</td>
<td>± 0.8</td>
<td>± .031</td>
</tr>
<tr>
<td>- 0.0/+0.2 in</td>
<td>± 0.7</td>
<td>± .028</td>
</tr>
</tbody>
</table>

### Wear Value

<table>
<thead>
<tr>
<th>thickness (mm)</th>
<th>Metric Value</th>
<th>Us Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>11.0 kg/m²</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Standard Delivery

Min. quantity 1 panel (standard) / 1 pallet (FR).

### Panel Size

<table>
<thead>
<tr>
<th>region</th>
<th>panel size (mm)</th>
<th>iF (3050 x 1530)</th>
<th>sF (2550 x 1860)</th>
<th>XF (3730 x 1860)</th>
</tr>
</thead>
</table>

### Qualities

- Cl-1
- CB-1
- W88-02
- E0-04
- E16-16
- E6-53
- W85-02
- Pa-2
- W76-01
- S3-01
- W71-03
- S0-04
- S0-015
- S0-02
- S0-03
- S0-04
- S17-32
- S25-02
- E3-42
- Pa-6
- W71-03
- E2-10
- Pa-4
- W85-02
- E1-01
- Pa-3
- E5-11
- Pa-0
- E25-02
- E25-013
- E23-53
- E13-00
- Pa-2
- E0-00

### Colors

- QZ/QZ* CR/CR**
- QZ/QZ CR/CR
- QZ/QZ CR/-

### Standards

- W22-01
- E16-24
- E5-01
- E3-43
- Pa-0
- W85-02
- S3-01
- W71-03
- S0-04
- S0-015
- S0-02
- S0-03
- S0-04
- S17-32
- S25-02
- E3-42
- Pa-6
- W71-03
- E2-10
- Pa-4
TRESPLA ATHLON

Trespa Athlon is specifically designed for interior applications. When compared to decorative surfaces it is designed to accommodate design trends such as vertical and horizontal surfaces. It is made up of melamine resin, which makes it impervious to stains and acid etchings. It is not affected by moisture and is heat resistant. Due to the high density, Trespa Athlon ignites at relatively high temperature and carbonizes in a way similar to hardwood. The panel material does not melt, drip or explode and retains its stability for a long period of time.

The choice to use either standard modified panels or fire-resistant modified (FR) panels depends on the nature and intended use of the building project. National and/or international fire classifications require that certain types of panels can be used in specific situations. The combination of a solid, homogenous core with a hard, thermosetting resins, which make them impervious to moisture. The dimensional stability and workability of surface and the core are manufactured using specific, scientific furniture applications.

Moisture Resistant
Trespa Athlon is not adversely affected by moisture and is not susceptible to discolouration, mold, fungi or rot. Due to the high density, Trespa Athlon is not adversely affected by moisture and is heat resistant. Due to the high density, Trespa Athlon ignites at relatively high temperature and carbonizes in a way similar to hardwood. The panel material does not melt, drip or explode and retains its stability for a long period of time.

Environmental Considerations
Like all materials and products independently tested, Trespa products impact the environment less than alternative materials.

Scratch and Wear Resistant
The special surface structure and durability provide excellent scratch resistance. Due to this, Trespa Athlon is commonly utilized in office or installation where heavy use and frequent cleaning are expected. Trespa Athlon can withstand the impact and moisture resistance of Trespa products are comparable to those of hardwood.

Visual Color Selections
Samples of Trespa Athlon are available on request. There may vary slightly from the original Trespa panel colors with respect to gloss, color shades and surface texture. Original colors are printed, and therefore, samples are available on request. The colors in this document are printed, and therefore, samples are available on request.

Impact Resistant
The combination of a solid, homogenous core and steel sheet surface makes Trespa Athlon exceptionally impact resistant. There is no rebound of breakage and, due to the high density, Trespa Athlon has exceptional impact resistance. This is confirmed by its day-to-day practical use as wall cladding in public rooms and rooms susceptible to vandalism, sanitary cubicles or as bumper rails in hospital corridors.

Safe Use Behavior
Trespa Athlon products can present an improvement of standard and governed lab results that are not tested within the scope of this document. The panel material does not melt, drip or explode and remains stable for a long period of time.

The choice to use either standard modified panels or the moisture resistant (MF) panels depends on the nature and intended use of the building project. National and/or international fire classifications require that certain types of panels can be used in specific situations. The combination of a solid, homogenous core with a hard, thermosetting resins, which make them impervious to moisture. The dimensional stability and workability of surface and the core are manufactured using specific, scientific furniture applications.

Soft-Touch Surface
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