Bus Platform

Modular platform to improve bus access.

Comprising of interconnecting modules made of recycled and recyclable plastic that combine and fit together like a puzzle. Designed to improve accessibility at bus stops.

Characteristics

**Easy to assemble and disassemble.**
No need for cranes or specialised equipment due to the low weight of modules.

**High mechanical resistance against impact and heavy loads.**
Due to the shock absorbing structure and design as well as a solid three point anchor system.

**Modular.**
Option to assemble multiple configurations with a variety of lengths and widths.

**High resistance to weathering.**
Due to the material used.

Made in.
UE.

1st year of production.
2009

Patent.
Oficina Española de Patentes y Marcas
200930858

Awards.

CO$_2$ saving.
Compared to virgin material.
124 kg CO$_2$ eq./m$^2$.

Carbon footprint.
104.41 kg CO$_2$ eq./m$^2$.

Certificates.
DGQA

Design registration.
Ohim
001757261-0001/2
The United States Copyright
Tx 7-906-875

Recycled PVC.
Electrical cable sheathing, hoses, synthetic textiles.

Configurations

Bus stop next to parallel parking.

Bus stop next to angled parking.

Bus stop with integrated cycle lane.
The bus platform consists of six different parts.

Optionally, the main modules and pavement ramp can include a tactile flooring surface to comply with local regulations.

Testing

<table>
<thead>
<tr>
<th>Properties</th>
<th>Unit</th>
<th>Regulation</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardness</td>
<td>ShD</td>
<td>DIN 53505</td>
<td>45</td>
</tr>
<tr>
<td>Tensile strength</td>
<td>MPa</td>
<td>UNE EN ISO 527-2527-2</td>
<td>12</td>
</tr>
<tr>
<td>Elongation at break</td>
<td>%</td>
<td>UNE EN ISO 527-2527-2</td>
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<tr>
<td>Tear resistance</td>
<td>kN/m</td>
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</tr>
<tr>
<td>Taber abrasion loss</td>
<td>mg/1,000 cycles</td>
<td>UNE 135203</td>
<td>109</td>
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<tr>
<td>Lightfastness</td>
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<td>UNE 4892-3</td>
<td>Excellent</td>
</tr>
<tr>
<td>Resistance to acids</td>
<td></td>
<td></td>
<td>Excellent</td>
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<tr>
<td>Resistance to bases</td>
<td></td>
<td></td>
<td>Excellent</td>
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<tr>
<td>Reaction to fire</td>
<td>Euroclass</td>
<td>$B_{fl}$-s1</td>
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<tr>
<td>Density</td>
<td>g/cm³</td>
<td>UNE EN ISO 1183-1A</td>
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</tbody>
</table>

Slip resistance

(UNE-ENV 12633:2003)

Rd >45 Class 3; as required by CTE regulations for outdoor areas.