# Technical Profile

**POLYRETHANE (PU)**

## DESCRIPTION

1. **PU seat and backrest** 20 mm thickness in back and 25 mm thickness in seat; Moulded over Steel plate 3 mm thickness
   - Available in different finishes
2. Seat and backrest joined by an extruded aluminium **central beam**. Silver and white finishes
3. Moulded aluminium **trims** available in silver or white finish
4. Optional moulded aluminium **Arms** available in silver, white or polished aluminium
5. **Lower Beam** in extruded aluminium
6. **Moulded aluminium feet**, silver epoxy finish, 90 micron. Available in silver, white or polished finish. Ready to be fixed to the floor
   - Black polypropylene (P.P) caps to avoid sliding when sitting in the bench
7. Optional 13 mm compact laminate table. Available in black or white 500 x 300 mm

## SIZES

<table>
<thead>
<tr>
<th>Individual seats - high backrest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width: 800 or 900 mm</td>
</tr>
<tr>
<td>Seat height: from 440 mm</td>
</tr>
</tbody>
</table>

| Total height: from 1726 to 3474 mm |
| Total width: 800 or 900 mm |
| Seat height: from 440 mm |

**BACK AND SEAT finishes**

- Red
- Blue
- Black
- Grey

(see finishes and fabric card)
Technical Profile

MATERIALS
Maximum use of materials to eliminate and minimize scraps. Use of recyclable and recycled materials in those components that do not affect the functionality and durability. 31,37% RECYCLED MATERIALS

PRODUCTION
Maximum optimization of energy use. Minimal environmental impact. Last generation technological systems. Zero discharge of wastewater. No VOC coatings. Processes free of heavy metals, phosphates, OC and COD. 100% RECYCLABLE ALUMINIUM, STEEL & WOOD

TRANSPORT
Detachable systems. Volumes that facilitate the optimization of space. Maximum reduction of energy consumption by transport. 100% RECYCLABLE PACKAGE AND THINNER FREE

USE
Quality and warranty. Long lasting. Replacements available. EASY TO CLEAN AND MAINTAIN

DISPOSAL
Waste reduction. Supplier-manufacturer packaging reuse system. Components are easy to be separated. Inks in packaging are water-based, without solvents. 99,83% RECYCLED MATERIALS

CERTIFICATES AND REFERENCES
The different programmes get points in different environmental categories to get the LEED certificate (sustainability, material and resources, water, energy and atmosphere, inner environment quality, innovation and design).

STANDARDS
TRANSIT has passed tests done in our technical department as well as the tests done in AIDIMA the Technological Institute for furniture. The tests correspond to:

Contract seating: Essay level 2. Standard to be applied:
**DESCRIPTION**

1. **3 mm steel seats and backs** available in different finishes
2. Seat and backrest joined by an extruded aluminium **central beam**. Silver and white finishes
3. Moulded aluminium **trims** available in silver or white finish
4. Optional moulded aluminium **Arms** available in silver, white or polished aluminium
5. **Lower Beam** in extruded aluminium
6. **Moulded aluminium feet**, silver epoxy finish, 90 micron. Available in silver, white or polished finish. Ready to be fixed to the floor
   - Black polypropylene (P.P) caps to avoid sliding when sitting in the bench
7. Optional **13 mm compact laminate table**. Available in black or white 500 x 300 mm

**SIZES**

**individual seats - high backrest**

**Two large seats - low backrest**

**SIZES**

- Total height: from 1726 to 3474 mm
- Total width: 800 or 900 mm
- Seat height: from 440 mm

**BACK AND SEAT finishes**

- Silver
- Black
- Red
- White

(see finishes and fabric card)
MATERIALS
Maximum use of materials to eliminate and minimize scraps. Use of recyclable and recycled materials in those components that do not affect the functionality and durability.

31.37% RECYCLED MATERIALS

PRODUCTION
Maximum optimization of energy use. Minimal environmental impact. Last generation technological systems. Zero discharge of wastewater. No VOC coatings. Processes free of heavy metals, phosphates, OC and COD.

100% RECYCLED ALUMINUM, STEEL & WOOD

TRANSPORT
Detachable systems. Volumes that facilitate the optimization of space. Maximum reduction of energy consumption by transport.

100% RECYCLED PACKAGE AND THINNER FREE

USE
Quality and warranty. Long lasting. Replacements available.

EASY TO CLEAN AND MAINTAIN

DISPOSAL
Waste reduction. Supplier-manufacturer packaging reuse system. Components are easy to be separated. Inks in packaging are water-based, without solvents.

99.83% RECYCLABLE MATERIALS

CERTIFICATES AND REFERENCES
The different programmes get points in different environmental categories to get the LEED certificate (sustainability, material and resources, water, energy and atmosphere, inner environment quality, innovation and design).

STANDARDS
TRANSIT has passed tests done in our technical department as well as the tests done in AIDIMA the Technological Institute for furniture. The tests correspond to:

Contract seating: Essay level 2. Standard to be applied:

**DESCRIPTION**

1. 13,53 mm Plywood seats and backs available in different finishes: natural beech, natural oak or wengue.

2. Seat and backrest joined by an extruded aluminium central beam. Silver and white finishes.

3. Moulded aluminium trims available in silver or white finish.

4. Optional moulded aluminium Arms available in silver, white or polished aluminium.

5. Lower Beam in extruded aluminium.

6. Moulded aluminium feet, silver epoxy finish, 90 micron. Available in silver, white or polished finish. Ready to be fixed to the floor. Black polypropylene (P.P) caps to avoid sliding when sitting in the bench.

7. Optional 13 mm compact laminate table. Available in black or white 500 x 300 mm.

**SIZES**

- Individual seats - high backrest:
  - Total height: from 1726 to 3474 mm
  - Total width: 800 or 900 mm
  - Seat height: from 440 mm

- Two large seats - low backrest:
  - Total height: from 1726 to 3474 mm
  - Total width: 800 or 900 mm
  - Seat height: from 440 mm

**BACK AND SEAT (finishes)**

- natural beech
- natural oak
- wengue oak

[see finishes and fabric card]
The different programmes get points in different environmental categories to get the LEED certificate (sustainability, material and resources, water, energy and atmosphere, inner environment quality, innovation and design).

### MATERIALS
Maximum use of materials to eliminate and minimize scraps. Use of recyclable and recycled materials in those components that do not affect the functionality and durability. **31.37% RECYCLED MATERIALS**

### PRODUCTION
Maximum optimization of energy use. Minimal environmental impact. Last generation technological systems. Zero discharge of wastewater. No VOC coatings. Processes free of heavy metals, phosphates, OC and COD. **100% RECYCLABLE ALUMINIUM, STEEL & WOOD**

### TRANSPORT
Detachable systems. Volumes that facilitate the optimization of space. Maximum reduction of energy consumption by transport. **100% RECYCLABLE PACKAGE AND THINNER FREE**

### USE
Quality and warranty. Long lasting. Replacements available. **EASY TO CLEAN AND MAINTAIN**

### DISPOSAL
Waste reduction. Supplier-manufacturer packaging reuse system. Components are easy to be separated. Inks in packaging are water-based, without solvents. **99.83% RECYCLED MATERIALS**

### CERTIFICATES AND REFERENCES
The different programmes get points in different environmental categories to get the LEED certificate (sustainability, material and resources, water, energy and atmosphere, inner environment quality, innovation and design).

- **PEFC Certificate**
- **ISO 9001 Certificate**
- **Ecodesign Certificate**
- **ISO 14001 Certificate**
- **E1 Certificate by EN 13986**
- **ACTIU TECHNOLOGY PARK LEED PLATINUM certified by USGBC Leadership in Energy & Environmental Design (LEED) GreenBuild 2011 – LEED™ Platinum certified 2011**

### STANDARDS
TRANSIT has passed tests done in our technical department as well as the tests done in AIDIMA the Technological Institute for furniture. The tests correspond to:

**Contract seating: Essay level 2. Standard to be applied:**

- **UNE-EN 15373:07.** Furniture. Resistance, long lasting, security. Requirements for non domestic use seating.
- **UNE-EN 1728:2001.** Domestic furniture - Seating - Test methods for the determination of strength and durability.
Technical Profile

Moulded aluminium back reinforced, 40 x 15 mm
(only in metal beam seatings)

Solid arms, moulded aluminium

Extruded aluminium central beam 135 height and
202 mm depth 5 mm thickness

13 mm compact laminate table (optional)

Moulded steel seat reinforced, 40 x 15 mm
(only in metal beam seatings)

Leg thickness 28 x 34 mm. Solid
moulded aluminium

Steel bracket (steel tube Ø 25 x 1.5 mm)