















## **Flite Seating System Product Data Sheet**

## Key Design Features

 <p>+10% SEATING DENSITY</p>	<ul style="list-style-type: none"> <li>Designed to maximise space with 10% more seating over other systems</li> <li>A single bracket supporting two identical panels allows either to be easily replaced in situ without the necessity to replace or repair the whole seat</li> </ul>
 <p>RAPID ASSEMBLY</p>	<ul style="list-style-type: none"> <li>Components can be removed, added and transferred making the units easily reconfigurable</li> <li>Simple assembly using a single fixing type</li> </ul>
 <p>3 FINISH TYPES</p>	<ul style="list-style-type: none"> <li>All panels are interchangeable allowing in-house maintenance staff to easily change the finishes should future passenger profiles change</li> <li>Armrests may be added or subtracted as they are not integral to the seat and the fixings remain common on all beam configurations</li> </ul>
 <p>PRM OPTIONS</p>	<ul style="list-style-type: none"> <li>Option for each individual seat to be raised in situ to create a higher level PRM seat. Individual seats or complete beams can be raised giving maximum flexibility</li> <li>Back panels have a PRM symbol moulded into the PU for added longevity over printed methods</li> </ul>
 <p>POWER OPTIONS</p>	<ul style="list-style-type: none"> <li>Power Arms can replace standard arms using the same fixing location</li> <li>All wiring is routed through the central beam with connectors local to each unit for easy replacement</li> </ul>
 <p>25 YEAR GUARANTEE</p>	<ul style="list-style-type: none"> <li>Flite is guaranteed against structural failure for a minimum of 25 years and has been independently tested to withstand 25 years of heavy contract use</li> <li>Metal components are finished for interior and exterior use, are UV stable and guaranteed against colour fading. Colour fastness conforms to DIN 54004. The metal finish is included in our 25 year guarantee</li> <li>All upholstery materials are abrasion resistant and in excess of 100,000 rubs (Martindale Test). Fabric and stitching is guaranteed for 5 years</li> <li>Tables are constructed from double-sided solid core laminate, are resistant to chemicals, cigarette burns, staining and fire-rated to BS476 Class 2</li> <li>ASIAD and SIDOS compliant</li> </ul>

Technical Specification

 CHASSIS	<ul style="list-style-type: none"><li>• Low Back Linear Configuration</li><li>• Low Back Hub Configuration</li></ul>	 PRM OPTIONS	<ul style="list-style-type: none"><li>• Moulded PRM Logo</li><li>• Raised Seat Height</li></ul>
 FINISHES	<ul style="list-style-type: none"><li>• Moulded Polyurethane</li><li>• Saddle Stitched Coach Hide</li></ul>	 POWER OPTIONS	<ul style="list-style-type: none"><li>• Power Arm</li><li>• On-Table Power Unit</li></ul>
 ACCESSORIES	<ul style="list-style-type: none"><li>• Powder Coated Arm</li><li>• Polished Aluminium Arm</li><li>• Reversible Table</li></ul>	 HUB	<ul style="list-style-type: none"><li>• Dynamic layouts, providing a 360 degree view of the environment and creating social spaces for groups</li></ul>

Supporting Beam

- Extruded circular aluminium profile
- Anodised finish with film applied 25 microns thick
- High strength aluminium alloy, UNE-L2630 alloy 6063
- Breaking strength of 20kg/mm
- Bending strength of 175N/mm
- Tensile strength of 300N/mm
- Density of 2.7g/cm

Seat Panels  
Back Panels

Moulded Polyurethane

Seat and back panels consist of self-skinned moulded polyurethane with a fabricated steel core. The panels are fixed to a single pressure die-cast aluminium bracket using mechanical fasteners.

- Fabricated from 3mm steel sheet and tube
- Pre-phosphate coated
- Finished in oven-baked polyester powder. Coating thickness no less than 80 microns
- Integral polyurethane
- Pressure injected around steel frames
- Incorporates threaded inserts to enable fixing
- Available in any RAL colour Dyed throughout
- Flame retardant to BS 5852: 1990 (source 0, 1 and 5) and BS 476 part 7 class 1
- Suitable for interior and exterior use

Saddle-Stitched Coach Hide

Made from high quality, genuine chrome-free thick leather, with heavy duty stitching to the edges. Fine wear-proof & scratch proof performances. Light and colour fast. No toxic fumes should be released when ignited. It must cause no allergic skin reactions when sat on.

- Colour fastness to 6 (DIN 54004)
- Colour rubbing strength 4 (DIN 54001)
- Thickness between 2.1 and 2.2mm (DIN 53326)
- Weight between 2100 and 2200g/m
- Flame resistant to 100mm/min
- Tensile strength 12N/mm (DIN 53328)
- Dyed throughout

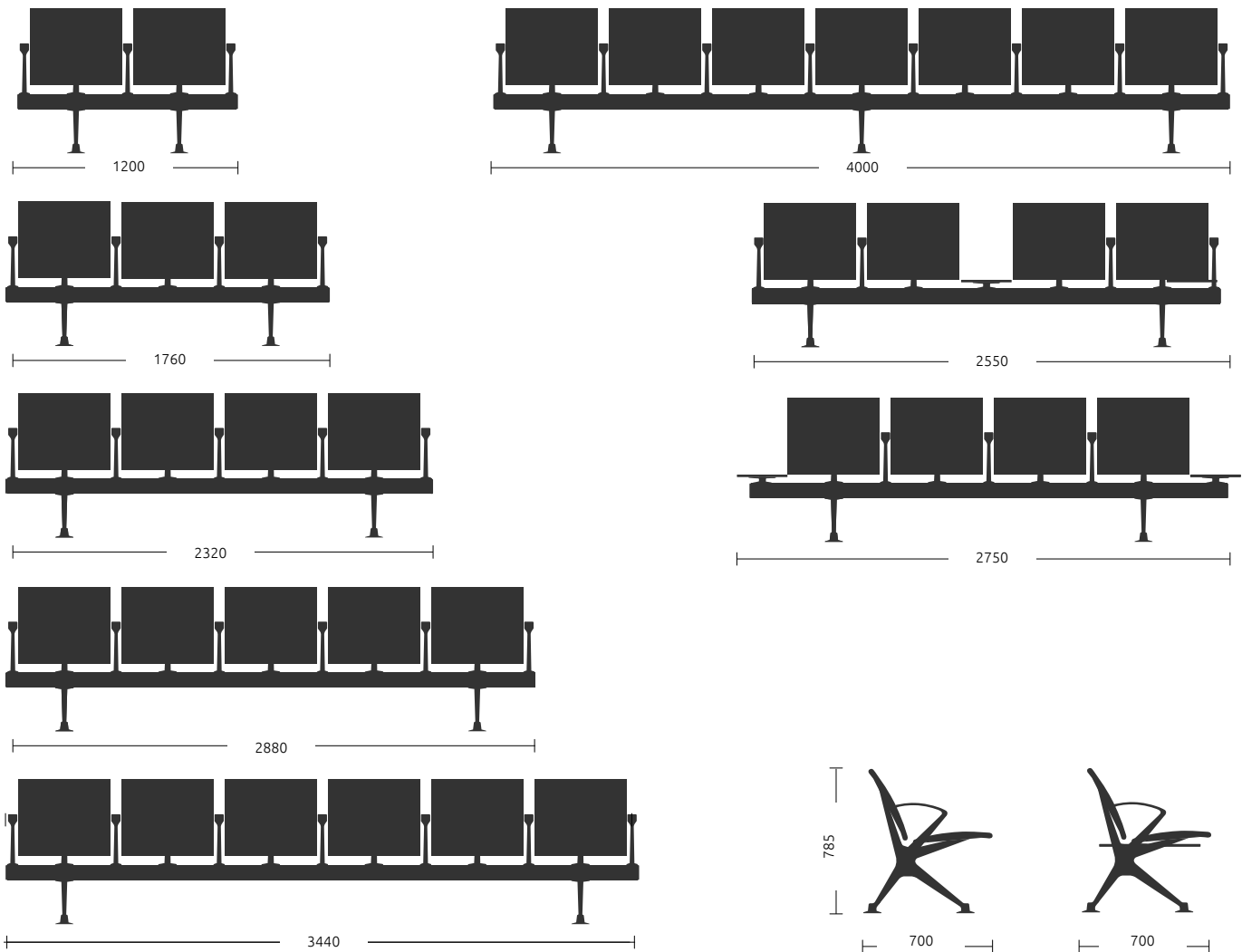


# Technical Specification

<b>Main Bracket</b>	<ul style="list-style-type: none"><li>• Pressure die-cast aluminium alloy, LM06.</li><li>• Alloy conforms to BS EN 1559-1, 4, and BS EN 1676.</li><li>• Finished in alochrom/alodine 1200 (corrosion preventive pre-treatment).</li><li>• Polyester powder coated to 100 microns, available in any RAL colour.</li><li>• UV stable.</li><li>• Colour fastness conforms to DIN 54004.No plastic end caps are used</li></ul>
<b>Armrests Legs Table Brackets</b>	<ul style="list-style-type: none"><li>• Pressure die-cast aluminium alloy, LM06</li><li>• Alloy conforms to BS EN 1559-1, 4, and BS EN 1676</li><li>• Finished in alochrom/alodine 1200 (corrosion preventive pre-treatment)</li><li>• Polyester powder coated to 120 microns, available in any RAL colour</li><li>• UV stable</li><li>• Colour fastness conforms to DIN 54004</li><li>• Armrests also available in polished aluminium.</li><li>• Floor fixable legs and back to back connectors are available as an option.</li></ul>
<b>Tables</b>	<p>Tables follow the same module as the seat units allowing them to be installed at any given location including the end of the beam. The beam carries the necessary fixings for either a seat or a table. Half tables are available as an alternative where space is at a premium.</p> <ul style="list-style-type: none"><li>• Constructed from Solid Phenolic Laminate faced on both sides</li><li>• Resistant to chemicals boiling water, staining and cigarette burns</li><li>• Tested to ISO 4586</li><li>• Fire rated to BS 476-6 and 7: class 2</li><li>• Available in a wide range of colours and finishes</li></ul>
<b>Fire Resistance</b>	<ul style="list-style-type: none"><li>• All seating products and tables supplied by OMK have been tested to and exceed the fire-rating requirements set out by British Standard BS5852 crib source 0, 1 and 5 and are approved for use in public waiting areas.</li></ul>



Dimensions



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## Contact Us

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