

Specification		
<b>Description</b>	<p>Manufactured from 100% high quality recycled mixed plastic waste, from post industrial and consumer use, and contains non toxic selected process additives providing colour and rigidity.</p> <p>Kedel Robust has a high level of stiffness and is extremely resistant.</p>	
<b>Production Process</b>	<p>The polymer is blended and fed under high temperatures and pressures into moulds.</p>	
<b>Finish</b>	<p>Kedel Robust has a knot free, textured surface and is evenly coloured. The natural colour version is very similar in appearance to concrete, whilst the brown version resembles wood.</p>	
<b>Properties</b>	<ul style="list-style-type: none"> <li>◆ Maintenance free</li> <li>◆ Durable</li> <li>◆ Can be worked as wood</li> <li>◆ Splinter free</li> <li>◆ Frost proof</li> <li>◆ Impervious to fungi and insects</li> <li>◆ Does not leach toxic substances</li> </ul>	<ul style="list-style-type: none"> <li>◆ Wear resistant</li> <li>◆ Will not rot</li> <li>◆ Environmentally friendly</li> <li>◆ 100% recycled and recyclable</li> <li>◆ Insulating</li> <li>◆ Acoustic sound proofing</li> <li>◆ Shock proof and flexible</li> <li>◆ Resistant to most chemicals</li> </ul>
Performance	Properties	Example Values
<b>All figures quoted are typical values and for guidance only</b>	Moisture absorption (ISO 175)	<0.2 wt%
	Tensile modulus of elasticity (ISO 527-1)	742.2 MPa
	Tensile strength (ISO 527-2)	12.64 MPA
	Flexural modulus of elasticity (ISO 178)	641.8 MPa
	Flexural stress at 3.5% outer fibre strain (ISO 178)	18.42 MPa
<b>Chemical Stability</b>	Resistant to most common chemicals - contact us for specific info	
<b>Typical Uses</b>	Ideal for Palisades, L-stones, Sleepers, Posts and Slabs.	