

Specification		
Description	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. Kedel Robust has a high level of stiffness and is extremely resistant.	
Production Process	The polymer is blended and fed under high temperatures and pressures into moulds.	
Finish	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.	
Properties	<ul style="list-style-type: none"> ◆ Maintenance free ◆ Durable ◆ Can be worked as wood ◆ Splinter free ◆ Frost proof ◆ Impervious to fungi and insects ◆ Does not leach toxic substances 	<ul style="list-style-type: none"> ◆ Wear resistant ◆ Will not rot ◆ Environmentally friendly ◆ 100% recycled and recyclable ◆ Insulating ◆ Acoustic sound proofing ◆ Shock proof and flexible ◆ Resistant to most chemicals
Performance	Properties	Example Values
All figures quoted are typical values and for guidance only	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
Chemical Stability	Resistant to most common chemicals - contact us for specific info	
Typical Uses	Ideal for Palisades, L-stones, Sleepers, Posts and Slabs.	