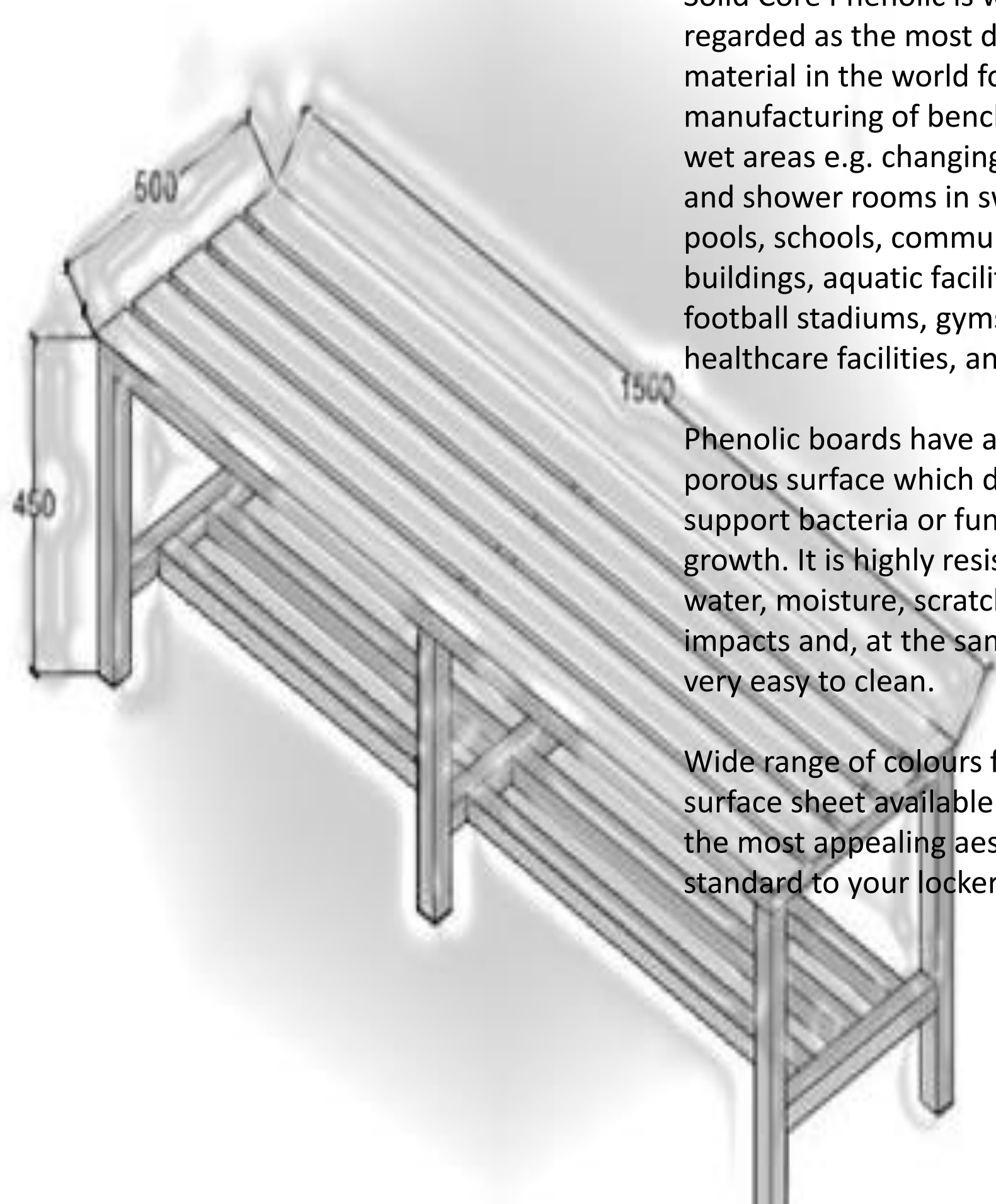




PHENOLIC BENCHES

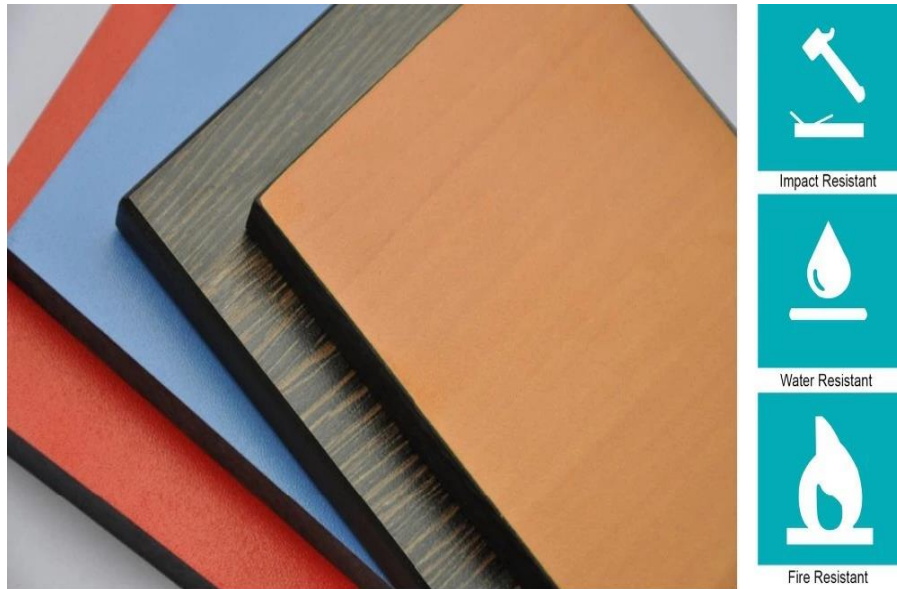




solid core phenolic is widely regarded as the most durable material in the world for the manufacturing of benches for wet areas e.g. changing rooms and shower rooms in swimming pools, schools, community buildings, aquatic facilities, football stadiums, gyms, healthcare facilities, and more.

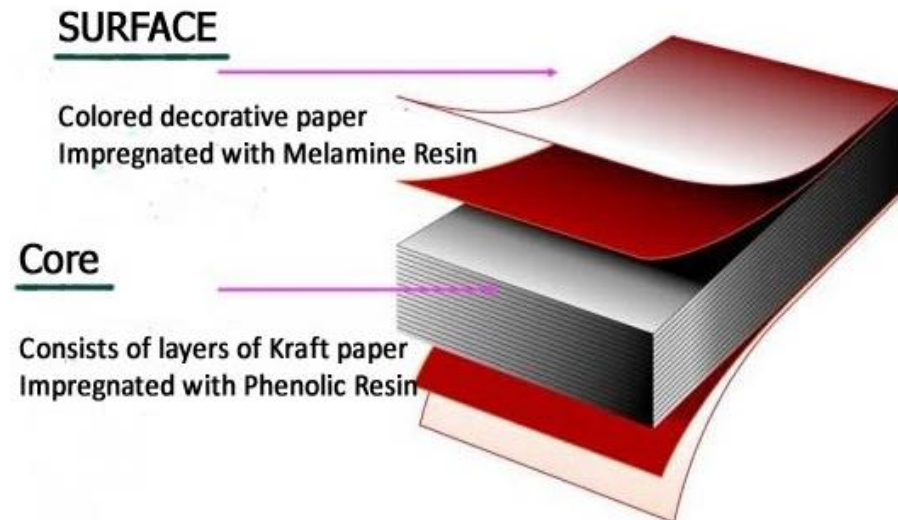
Phenolic boards have a non-porous surface which does not support bacteria or fungus growth. It is highly resistant to water, moisture, scratches and impacts and, at the same time, very easy to clean.

Wide range of colours for the surface sheet available to give the most appealing aesthetic standard to your lockers.



TECHNICAL DATA

Physical Properties of Compact® Grade Laminate.



PROPERTY	TEST METHOD EN 438-2:2016	PROPERTY OR ATTRIBUTE	UNIT	MIN. TEST STANDARDS	FORMICA TYPICAL VALUE (CGS)
Resistance to Surface Wear	EN 438-2/10	Wear Resistance	Revolution	350	500
Resistance to Immersion in Boiling Water	EN 438-2/12	Mass Increase	%	<2	0.53
		Thickness Increase	%	<2	0.58
		Appearance: Surface	Rating	4	5
		Edge	Rating	3	5
Resistance to Water Vapour	EN 438-2/14	Appearance	Rating	4	5
Resistance to Dry Heat	EN 438-2/16	Appearance	Rating	4	5
Dimensional Stability at Elevated Temperature	EN 438-2/17	Cumulative Dimensional Change:			
		Dry Heat (Machine Direction)	%	<0.3	0.06
		Dry Heat (Cross-machine Direction)	%	<0.6	0.06
		High Humidity (Machine Direction)	%	<0.6	0.09
		High Humidity (Cross-machine Direction)	%	<0.6	0.06
Resistance to Wet Heat (100°C)	EN 438-2/18	Appearance	Rating	4	5
Resistance to Impact by Large Diameter Ball	EN 438-2/21	Drop Height	mm	1800	2000
Resistance to Cracking Test	EN 438-2/24	Appearance	Rating	4	5
Resistance to Scratching	EN 438-2/25	Force	Rating	3	3 (2N)
Resistance to Staining	EN 438-2/26	Appearance	Rating	4	5
Light Fastness (Xenon Arc)	EN 438-2/27	Contrast	Rating	4-5	4-5



PROPERTY	TEST METHOD	UNIT	MIN. TEST STANDARDS	FORMICA TYPICAL VALUE (CGS)
Tensile Strength	ISO 527-2:2012	MPa	60	96.57
Flexural Strength	ISO 178:2010	MPa	80	161.14
		MPa	9000	10615
Density	ISO 1183-1:2012	g/cm ³	1.35	1.44

* Technical data is accurate at the time of printing. Data is subjected to change without prior notice.

* Rating 5 is the best. Rating 1 is the worst.