DALES BOWLING GREEN UNDERLAY

FOOTFALL | EVERYTHING FOR A QUIET LIFE

DALES BOWLING GREEN UNDERLAY — QUALITY SPECIALIST UNDERLAY

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Dales Bowling Green underlay is a specialist rubber crumb underlay designed specifically for indoor bowling greens. It is manufactured from a high content of recycled vehicle tyres and has a denser construction and lower compression rating than most sponge rubber underlays. This enables the underlay to resist pressure/forces over a sustained period of time which in turn ensures consistent performance for the life time of the playing surface. It also helps the playing surface becoming stretched which can otherwise cause issues with rucking. Dales Bowling Green underlay helps to keep the playing surface looking good and performing well for longer, even in the most demanding of environments.
Installed by Dales the underlay is a major part in ensuring green speeds of between 17.0 and 18.0 seconds.

SPECIFICATION

CHARACTERISTIC	RESULT	TEST METHOD
End Use Classification	HC/U Heavy Contract Use	BS 5808: 1991 (Specification for underlays for textile floor coverings)
Roll Width	1.37m	BS 5808: 1991 (Specification for underlays for textile floor coverings)
Roll Length	Variable to rink size	BS 5808: 1991 (Specification for underlays for textile floor coverings)
M^2 per roll	Variable to rink size	BS 5808: 1991 (Specification for underlays for textile floor coverings)
Gauge	6.0mm	BS 4051: 1987 (Method for determination of thickness of textile floor coverings)
Weight M^2	ca.2.36kg/m^2	
Density	393kgs/m^3	
Roll Weight	Variable depending on finished roll size	
Work of compression after dynamic loading	90J/m^2	BS 4098: 1975 (Method for the determination of thickness, compression and recovery characteristics of textile floor coverings)
Retention of work of compression	94%	BS 4098: 1975 (Method for the determination of thickness, compression and recovery characteristics of textile floor coverings)
Compression after dynamic loading	2.8mm	BS 4098: 1975 (Method for the determination of thickness, compression and recovery characteristics of textile floor coverings)
Thickness loss after dynamic loading	4.3%	BS 4052: 1987 (Method for the determination of thickness loss of textile floor coverings under dynamic loading)
Thickness loss after static loading	1.4%	BS 4939: 1982 (Method for the determination of thickness loss of textile floor coverings after prolonged heavy static loading)
Breaking strength—length	530 N	BS 2576: 1986 (Method for the determination of breaking strength and elongation (strip method) of woven fabrics)
Breaking strength—width	352N	BS 2576: 1986 (Method for the determination of breaking strength and elongation (strip method) of woven fabrics)
Extension under force—length	1.2%	BS 2576: 1986 (Method for the determination of breaking strength and elongation (strip method) of woven fabrics)
Extension under force—width	0.8%	BS 2576: 1986 (Method for the determination of breaking strength and elongation (strip method) of woven fabrics)
Resistance to cracking	Pass	BS 5808: 1991 (Specification for underlays for textile floor coverings)
Resistance to bacteria	Biocide agent added	
Flammability	Low radius of effects of ignition	BS 4790: 1987 (Method for the determination of the effects of a small source of ignition on textile floor coverings (hot metal nut method)
Green speed	17.0 to 18.0 seconds	Testing on finished indoor surfaces when installed by Dales Sports Surfaces Ltd.