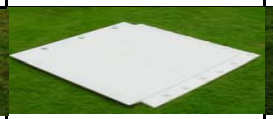
Terraplas - Product Specification Comparison - Metric

SPECIFICATION	terraplas®	terraflor®	terratile®	terraturf®	terratrak plus®	terracover"V"®	terracover ice®
Product Picture							
Surface Protection	Natural/Articifial turf	Natural/Artificial Turf	Natural/Artificial Turf	Natural/Artificial Turf	Temporary Roadway	Artificial Turf inc light vehicles, cars	Ice Conversion Cover
Dimensions	1m x 1m x 64mm	75cm x 75cm x 37mm	1m x 1m x 39mm	50cm x 25cm x 25mm	1.21m x 1.21m x 38mm (usable 1.21m²)	1m x 1m x 41mm	2m x 2m x 34mm
Weight per m²	11kgs	9kgs	8kgs	6kgs	23kgs (per tile)	15kgs	9kgs (36kgs per tile)
Material	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE / foamed polyurethane
Method of Manufacture	Structural foam injection moulded	Structural foam injection moulded	Structural foam injection moulded	Conventional injection moulded	Structural foam injection moulded	Twin sheet thermoformed	Twin sheet thermoformed with a foamed cavity fill
Temperature Range	-20°C to 45°C	-20°C to 45°C	-20°C to 45°C	-20°C to 45°C	-20°C to 45°C	-20°C to 45°C	-20°C to 45°C
Loading - Point Load	377kgs /20mm diameter	479kgs /20mm diameter	418kgs /20mm diameter	326kgs /20mm diameter	1,173kgs /20mm diameter	571kgs /20mm diameter	571kgs /20mm diameter
Loading - Spread Load	24kN /150mm sq 1,066kN / m²	44kN /150mm sq 1,955kN / m²	86kN /150mm sq 3,822kN / m²	76kN /150mm sq 3,377kN / m²	164kN /150mm sq 7,288kN / m²	65kN /150mm sq 2,888kN / m²	65kN /150mm sq 2,888kN / m²
Fire Requirements	See Fire Test report	See Fire Test report	See Fire Test report	See Fire Test report	See Fire Test report	See Fire Test report	See Fire Test report
Storage Requirements	60m³ / 1000m²	45m³ / 1000m²	45m³ / 1000m²	20m³ / 1000m²	42m³ / 1000m²	42m³ / 1000m²	40m³ / 1000m²
Transport 40'HCC (max)	1000m²	1347m²	1300m²	2024m²	1002m²	1080m²	1820m²
20' C	480m²	650m²	470m²	840m²	518m²	450m²	808m²
std 13.6m truck (max)	960m²	1539m²	1248m²	2184m²	1210m²	900m²	(megatruck) 1800m²
Installation Times	1000m² / 1 hr by 20 men	1000m² / 1 hr by 20 men	1000m² /1 hr by 20 men	1000m² /1 hr by 20 men	1000m² /1 hr by 20 men	1000m² /1 hr by 20 men	Full system (1800m²) 2.5 hours by 12 men
Colours	Translucent	Translucent	Translucent	Translucent	Grey/Translucent	Grey/Translucent	Grey
Life Expectancy	20 yrs	15 yrs	Min 10 yrs	10 yrs	Min 10 yrs	Min 10 yrs	Min 10 yrs
Guarantee	5 yrs	5 yrs	5 yrs	4 yrs	5 yrs	5 yrs	5 yrs
Slip Resistance	Special anti-slip stripes	Integral	Integral	Integral	Integral	Integral	Integral