

Product:- Pro-Tech™ ULTRA

Description:- Compression moulded Ultra High Molecular Weight Polyethylene (UHMWPE) heavy duty panels used for temporary access roads

Origin:- Australia, Europe and China (depending on panel size)

H Code:- 3918.90.00

Specification:- Dimensions 2.5m (W) x 3.0m (L) x 45mm (D)
Weight 290kg (+/- 10kg)
Slip resistance R10
Load rating can take weights of approx. 200t/m2 (depends on ground conditions)

Table 1: Mechanical properties of the investigated ground protection panels.

	Experimental procedure according to	Temp.	Result
Tensile strength	DIN EN ISO 6892-1	RT	29,3 ± 0,6 MPa
Bending strength	DIN EN ISO 178	10 °C	56,4 ± 0,6 MPa
	DIN EN ISO 178	RT	54,3 ± 0,2 MPa
Compression strength	DIN EN ISO 604	RT	31,7 ± 1,8 MPa
Fatigue strength	-	RT	passed without failure

Photos:-



