Recycled Plastic Trench Sheeting

Available as an alternative to steel trench sheets:

- ✔ Lightweight
- ✔ Can be manually handled
- ✔ User friendly
- ✔ Doesn't rot or rust
- ✔ 100% recycled
- ✔ Lower transport costs
- ✔ Corner pile available
- ✔ Resistant to most chemicals
- ✔ More cost effective
- ✔ Doesn't need heavy lifting gear
- ✔ Maintenance free
- ✔ Lower carbon footprint
- ✔ Made in the UK
- ✔ Class IY fire resistance
- ✔ No danger of sparking
- ✔ Recyclable

For further information please visit
www.liniar.co.uk or call **01332 883900**

Technical Specifications

Full Pan Trench Pile (Ref: 1358/001)

Full Pan Pile Technical Engineering Values						
Material PVC	Weight (Sheet) kg/m 3.35	Weight (wall) kg/m² 10.50	Density kg/m³ 1450	Initial Tan Modulus kN/mm² 2.55	Moment of Inertia cm⁴/m 688.5	Maximum Moment kNm/m 7.38
Width (sheet) mm 310o/a	Material Thickness mm 5	Lugs n/a	Tensile Yield Strength N/mm² 40	Secant Modulus kN/mm² 2.15	Section Modulus cm³/m 184.7	Allowable Moment kNm/m 2.46
Physical Properties			Mechanical Properties			

Engineering Values represent results of testing when Piling is installed in the format as illustrated above only. Calculations are based on Tensile Strength of material = 40N/mm². Allowable Moment = $\frac{\text{Tensile Yield Strength x Section Modulus}}{\text{Factor of Safety = 3}}$ 3

Standard Trench Pile (Ref: 788/004)

Trench Pile Technical Engineering Values						
Material PVC	Weight (Sheet) kg/m 2.31	Weight (wall) kg/m² 7.70	Density kg/m³ 1450	Initial Tan Modulus kN/mm² 2.55	Moment of Inertia cm⁴/m 343.6	Maximum Moment kNm/m 1.96
Width (sheet) mm 240o/a	Material Thickness mm 5	Lugs n/a	Tensile Yield Strength N/mm² 40	Secant Modulus kN/mm² 2.15	Section Modulus cm³/m 49	Allowable Moment kNm/m 0.65
Physical Properties			Mechanical Properties			

Engineering Values represent results of testing when Piling is installed in the format as illustrated above only. Calculations are based on Tensile Strength of material = 40N/mm². Allowable Moment = $\frac{\text{Tensile Yield Strength x Section Modulus}}{\text{Factor of Safety = 3}}$ 3

Corner Pile (Ref: 1300/002)

The Ball and socket arrangement allows the sheets to be locked together, and the corner pile connects the ends to the sides of any trench.

Lengths: 2 metres or 2.5 metres
(specials made to order)
Colour: Grey (specials made to order)

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Manufactured in the UK