


Product:	TERRAPLAST PLUS L8 - dimpled sheet	
Supplier:	MASTERPLAST Kft., 8143 Sárszentmihály, Árpád u. 1/a (www.masterplastgroup.com)	
Size, packaging:	0,5-1,0-1,5-2,0 m wide / 20m long black with diagonal surface pattern	
Application:	By vertical application as a mechanical protection of water-proofing, or ventilating sheet along not-properly water-proofed foundation- and retaining walls (used with the knobs to the wall), where - considering the soilstructure - the maximum built-in depth is 4 meter. By horizontal application serves as a sub-base course under concrete slabs (laid with the knobs to the ground) instead of lean concrete and combined with a filtration gravel layer, considered as vapour control layer (against rising damp), furthermore protect against radon and methane gases.	
Material:	High-density polyethylene (HD-PE)	

Properties	Relevant standards	Technical data
Width	EN 1848 - 2	0,5-1,0-1,5-2,0 m (±2 %)
Length	EN 1848 - 2	20 m (±2 %)
Straightness	EN 1848 - 2	< 30 mm/10m
Mass per unit area	EN 1849 - 2	400 g/m ² (±5 %)
Thickness of sheet	EN 1849 - 2	~0,4 mm (±15 %)
Hight of knobs	MDV	8 mm (±10 %)
Temperature resistance	MDV	(-)-40°C - (+)80°C
Watertightness (2 kPa)	EN 1928	pass
Resistance to static loading	EN 12730	NPD
Reasistance to impact	EN 12691	NPD
Tensile strength (MD/CMD)	EN 12311-2	270 N/5cm (±10 %) / 250 N/5cm (±10 %)
Elongation (MD/CMD)	EN 12311-2	25 (±5 %) / 25 (±5 %)
Tear strength	EN 12310-1	200 N (±10 %) / 200 N (±10 %)
Durability against ageing	EN 1296, EN 1928	NPD
Durability against chemicals	EN 1847, EN 1928	NPD
Compression strength after short time load	EN ISO 25619-2	130 kN/m ² (or kPa) ±10 %
Reaction to fire		F
Dangerous substances		NPD

Storage and handling	Under dry conditions, protected against sun-radiation and other heat sources.
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Guarantee, warranty	In accordance with the current legislations and the conditions of the distributor. The observation of the application rules of the product and presentation of the invoice constitute a prerequisite for possible future warranty claims. The product must be covered within 1 month after installation. 20 years warranty against rotting under normal circumstances occurring in natural soils (with 4<pH<9 and soil temperature <25°C).
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Standards, specifications	EN 13967
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Health and safety	No labelling required in accordance with the relevant regulation (EC) No. 1907/2006 of the European Parliament and of the Council (REACH).
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This datasheet corresponds to our current knowledge, experiences and general informations on the subject, but may be revised as new knowledge and/or experience becomes available. It does not imply any legally binding assurance. The product possesses the given technical characteristics. Since all variations of end-using of the product can not be anticipated, the designer/end-user's responsibility to make sure of the suitability of this product for particular purposes, structures.

This technical datasheet is applied to products sold by Masterplast Kft. and valid until withdrawal or until modification. Since this datasheet may be subject to revision, it is the responsibility of designer/end-user to make sure of possessing the latest version of the datasheet (*see date of issuing). Most recent version of this datasheet can be also accessed under www.masterplastgroup.com. Modification of the technical datasheet repeals the previously issued versions!