

## COMPLETE INFORMATION OF DRAINING SHEET: ChovADREN DD



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### Sheet description:

- "S+F+D" sheet type for: protection, filtration and drainage-, 2 m x 20 m of high density polyethylene PEAD (HDPE). With nodules approximate height 8 mm.
- Polypropylene fibers geotextile thermally bonded. Adhered to nodular sheet.  
Recommended as draining sheet in buried walls and foundations. (Considering a system together with other elements to ensure its efficiency). Not recommended as waterproofing layer

TEST. (Sheet / Geotextile)	METHOD	VALUE	UNIT	TOLERANCE
Reaction to fire:	EN 13501-1	Class F		
Water permeability (60 kPa, 24 h)	EN 1928	Pass		
Impact resistance.	EN 12691-2 (M-A)	< 300	mm	
Tensile Strength. MD/CMD	EN 12311-2	> 200 / > 200	N/5 cm	
Elongation MD/CMD	EN 12311-2	> 20 / > 25	%	
Artificial Aging	EN 1296 / 1928	Pass		
Tensile Strength, T <sub>max</sub> MD	EN ISO 10319	9	kN/m	- 2
Tensile Strength, T <sub>max</sub> CMD	EN ISO 10319	9	kN/m	- 2
Elongation, ε <sub>max</sub> MD	EN ISO 10319	50	%	± 15
Elongation, ε <sub>max</sub> CMD	EN ISO 10319	55	%	± 15
Cone fall , D <sub>c</sub> (GTX)	EN ISO 13433	38	mm	+ 6
Static punching resistance F <sub>P</sub> (GTX)	EN ISO 12236	1	kN	- 0,2
Pore opening, O <sub>90</sub> (GTX)	EN ISO 12956	90	µm	± 35
Vertical permeability, q <sub>N</sub> (GTX)	EN ISO 11058	100	l/m <sup>2</sup> s	- 15
Draining capacity in plane, q <sub>P</sub>	EN ISO 12958	1,45	- 0,2	l/m s
Weathering agents alteration	EN ISO 12224	Must be covered during 14 days after apply		
Oxidation resistance	EN ISO 13438	Resists in a ground 4<pH<9 at a temperature of < 25°C for a minimum service life of 5 years		

### DRAINING SHEET DIMENSIONS: ChovADREN DD

Roll Width:	2	m	± 0,01
Roll Length:	20	m	± 0,1
Rolls / pallet:	6		

### RECOMMENDATIONS OF USE:

To drain the ground, walls and foundations, with medium or high water table. Complements waterproofing.

Applies supported on the wall leaving the geotextile against the ground, leaving an air chamber that enables its filtration. Single overlap applies, between 10 and 20 cm. In walls, shall be fixed with suitable mechanical fasteners, spaced 25 to 50 cm, between them, and about 10 cm from the top. Must ensure not to affect waterproofing membrane, or apply to more than 20 cm above the expected maximum water table height.

May use other accessory items such as fixing rails, ventilation grilles, etc.

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