

► Wasser DrainCore AA

PREFABRICATED DRAINAGE SHEET

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TECHNICAL DATA

Physical Properties	Typical US Value	Typical SI Value	Test Method
Fabric Properties			
Material	Polypropylene	Polypropylene	
Grab Tensile Strength	110 lbs	50 kg	ASTM D-4632
Puncture Strength	65 psi	65 psi	ASTM D-4833
Grab Elongation	60%	60%	ASTM D-4632
EOS (AOS)	100 Sieve	0.152 mm	ASTM D-4751
UV at 500 hours	70%	70%	ASTM D-4355
Flow Rate	150 gal/min/ft ²	6110 L/min/m ²	ASTM D-4491
Core Properties			
Material	Polystyrene	Polystyrene	
Thickness	1/4 in.	.63 cm	ASTM D-1777
Compressive Strength	11,000 lbs/ft ²	54 x 10 ³ kg/m ²	ASTM D-1621 (mod)
Drain Properties			
Flow Capacity	13 gpm/ft of width	161 l/min/m of width	ASTM D-4716
Roll Length	50 ft	15.24 m	
Roll Width	4 ft	1.22 m	
Roll Weight	40 lbs	18.1 kg	

* This information is intended only as a guide for design purposes. The values shown are the average values obtained from sprayed laboratory samples. The test methods were performed per the ASTM Book of Standards. Higher or lower temperature & humidity conditions will affect dry time. The information contained herein is for purposes of identifying the product and does not constitute a warranty that the product will conform to that description. Product specifications and performance will vary depending on application methodologies, raw materials and other factors.

Please read all information in the general guidelines, technical data sheets, application guide, and safety data sheets (SDS) before applying material. Published technical data and instructions are subject to change with- out notice. Contact your local Ghemco Representative or visit our website for current technical data and instructions.

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A photograph of a retaining wall in a construction or landscaping setting. The wall is made of dark, rectangular blocks. At the base of the wall, there is a drainage system consisting of a series of blue, rectangular drainage units. The background shows a hilly landscape with some trees and a clear sky.

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Ghemco Wasser DrainCore10 is a two-part prefabricated geocomposite drain consisting of a formed polystyrene core covered on one side with polypropylene filter fabric. It replaces or reduces the natural drainage aggregate used against structures such as retaining walls, foundation walls, bridge abutments, lagging walls and soil-nailing applications. Wasser DrainCore 10 is primarily used vertically against waterproofing or damproofing, and allows water to flow to designated drainage exits. Wasser DrainCore 10 with 1/4" height can move more drainage water per foot width than a layer of stone which is 1' wide and 120" high.

FEATURES & BENEFITS

- Quickly removes water from wall, relieving hydrostatic head pressure
- Provides channel to move water down to collection system
- Protects the waterproofing, especially during backfilling

TYPICAL USES

- Foundation Walls
- Retaining Walls
- Planters & Roof Gardens
- Bridge Abutments
- Under Slabs
- Plaza Decks
- Split-slabs

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Color	White, Stone Grey and Tan
Packaging	1 gal can (3.78l) w/vial catalyst; 5gal pail (18.9l) w/ 1/2 pint (0.245l) catalyst; 55gal drum, net 50gal (189l) w/ two 1/2 quart (0.946l) catalyst
Coverage Rate	1 gal/100 sq ft (0.41 l/sqm)
Dry Film Thickness	12 \pm 2 mils (305 \pm 50 μ)
Hardness	90 \pm 5 Shore A
Tear Resistance, Die C <small>ASTM D-624</small>	250 \pm 50 pli (43.8 \pm 8.8 kN/m)
Tensile Strength <small>ASTM D-412</small>	3000 \pm 200 psi (20.7 \pm 1.4 MPa)
Ultimate Elongation <small>ASTM 412</small>	450 \pm 50%
Specific Gravity	1.13 \pm 0.1 cps
Total Solids by Weight	80% \pm 2%
Total Solids by Volume	74% \pm 2%
Viscosity at 75°F (24°C)	1500 \pm 500 cps
VOC	2.03 lb/gal (243 gm/liters)

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