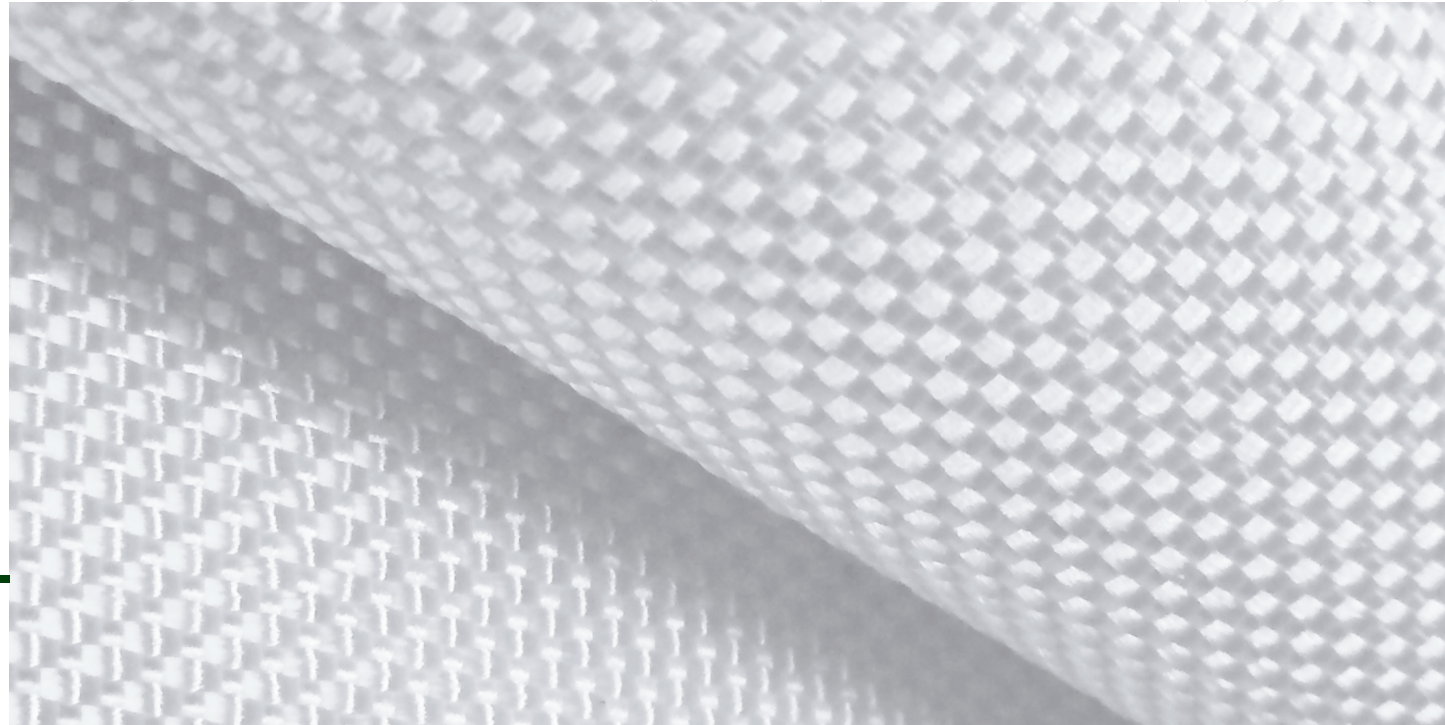


History

- 2018 • 11th IGS Seoul (Diamond Sponsor)
- 2016 • GOST-R Certified
EuroGeo6 (Slovenia)
GeoAmerica (Miami / USA)
- 2015 • Assigned as a Small Giant Company by SMBA
- 2014 • 10th IGS Germany
Qualified for Company Specific Approved Exporter
- 2013 • USD 5M Export Achievement Award
Became a member of GMA
- 2012 • USD 3M Export Achievement Award
CE certified
Became a member of IGS
- 2009 • Assigned as an Innovative company
by SMBA ISO9001, 14001 Certified
- 2008 • Completion of Gimcheon Plant
- 2006 • Renamed to DAEYOUN GEOTECH
- 1991 • Established DAEYOUN TEXTECH



Company

We, GEONIA, are the manufacturer of PET Woven Geotextile that prevents differential settlement and improves soft soil ground such as coasts, riversides and wetlands.

We also distribute not only the other geosynthetics but also new civil engineering materials and construction methods.

Based on the production know-how and experience accumulated since 1991, GEONIA has secured the optimal stable quality and technology and strived to research, develop, and improve products with the goal of "The World Best Geosynthetic Manufacturer and Civil Material Distributor."

We are deeply grateful to everyone who has used our products with encouragement and we promise to do our best to ensure quality management and customer satisfaction.

Thank you.



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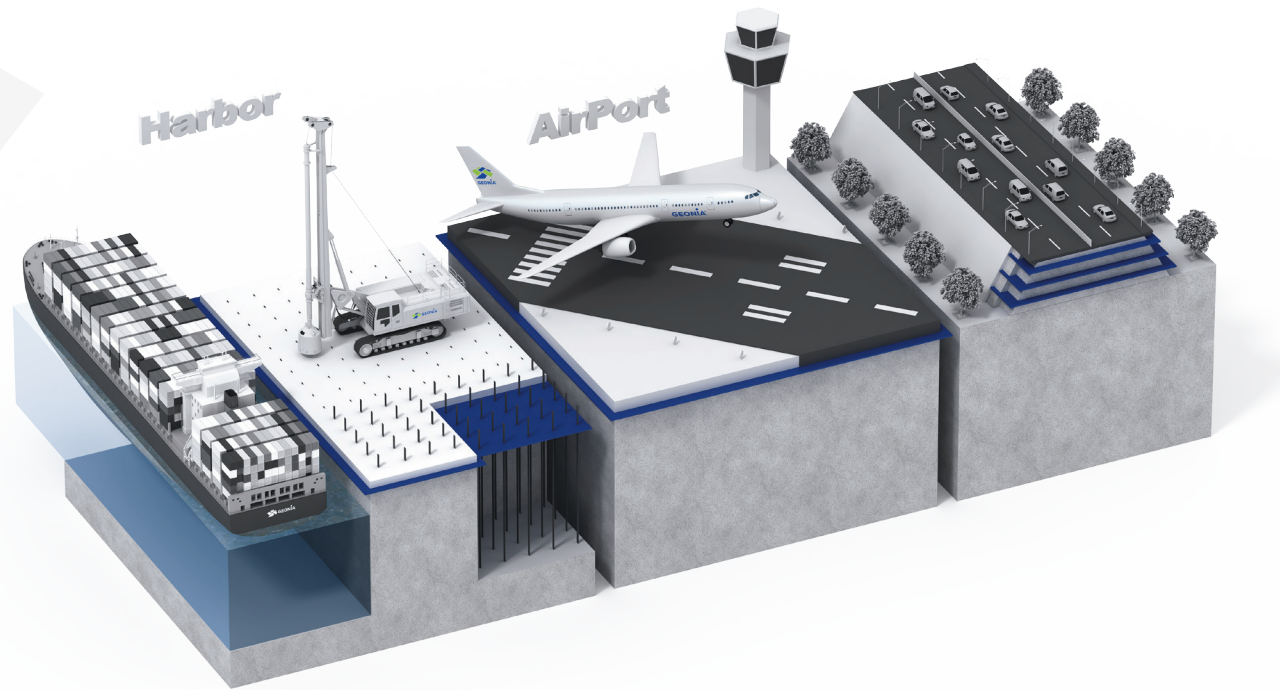
**DAEYOUN
GEOTECH**



Applications & Properties

GEONIA weaves the engineering solutions with high **quality**, fast **delivery** and optimized **cost**.

- **Production Capacity** 10,000,000 m² / Year
- **Product Range** Uniaxial : 100~1,000 kN/m
Biaxial : 50~500 kN/m
- **Material** High tenacity Polyester



Applications	
Uniaxial	Biaxial
Retaining Wall	Soft Soil Ground
Road	Road
Railway	Harbor
Embankment	Industrial Area

Functions	
Separation	Erosion Control
Reinforcement	Confinement

GEONIA Woven Geotextile	Standard	Unit	DML Series (Uniaxial Product)										DM Series (Biaxial Product)					
			DML10	DML20	DML30	DML40	DML50	DML60	DML70	DML80	DML100	DM5	DM10	DM15	DM20	DM30	DM40	DM50
Mechanical Properties																		
Tensile Strength	MD	kN/m	≥100	≥200	≥300	≥400	≥500	≥600	≥700	≥800	≥1000	≥50	≥100	≥150	≥200	≥300	≥400	≥500
	CD	kN/m	≥50	≥50	≥50	≥50	≥50	≥50	≥50	≥50	≥50	≥50	≥100	≥150	≥200	≥300	≥400	≥500
Tensile Elongation	MD	%	≤10										≤12			≤13		
	CD	%	≤10										≤12			≤13		
Tensile Strength @2% strain	MD	kN/m	≥18	≥45	≥60	≥80	≥95	≥105	≥150	≥165	≥200	≥10	≥18	≥17	≥18	TBA	TBA	TBA
	CD	kN/m	≥10	≥10	≥8	≥10	≥10	≥10	≥10	≥10	≥10	≥10	≥18	≥30	≥30	TBA	TBA	TBA
Tensile Strength @5% strain	MD	kN/m	≥45	≥95	≥145	≥190	≥250	≥280	≥350	≥400	≥500	≥25	≥45	≥50	≥50	TBA	TBA	TBA
	CD	kN/m	≥25	≥25	≥18	≥25	≥30	≥30	≥25	≥25	≥25	≥25	≥45	≥75	≥63	TBA	TBA	TBA
Puncture Resistance Strength CBR	ISO 12236	N	≥6,500	≥9,000	≥12,000	≥15,000	TBA	TBA	TBA	TBA	TBA	≥4,500	≥7,500	≥12,000	≥17,000	TBA	TBA	TBA
Hydraulic Properties																		
Flux (h:50mm)	ISO 11058	l/m ² /sec	≥1	≥1	≥10	≥10	≥3	≥3	≥5	≥5	≥5	≥1	≥1	≥13	≥13	≥13	≥10	≥10
Permittivity (h:50mm)		S ⁻¹	≥0.02	≥0.02	≥0.2	≥0.2	≥0.06	≥0.06	≥0.1	≥0.1	≥0.1	≥0.1	≥0.02	≥0.02	≥0.26	≥0.26	≥0.26	≥0.2

The technical data in the table above are intended only for the first orientation. DAEYOUN GEOTECH will not be responsible for any deviations for a specific product. Please contact with us for a more detailed data sheet for a single product.

Project Experience

• Industrial Area



• Soft Soil Ground



• Road



• Embankment

