

Retaining Wall Geogrid

SRW Geogrid is composed of high-molecular weight, high-tenacity multi-filament polyester yarns that are woven into a stable network placed under tension and coated with PVC.

Benefits

- ▶ Adds strength and longevity to your wall
- ▶ Provides excellent stress transfer
- ▶ Helps prevent premature wall failure
- ▶ Easy to handle roll sizes

Applications

- ▶ Retaining Walls
- ▶ Steep Slopes



TIP Installing Different Geogrid Types

Bi-Directional (Universal & 3 Series)

Can be rolled out either perpendicular or parallel to the wall.

Uni-Directional (5-10 Series)

Must be rolled out perpendicular to the wall.

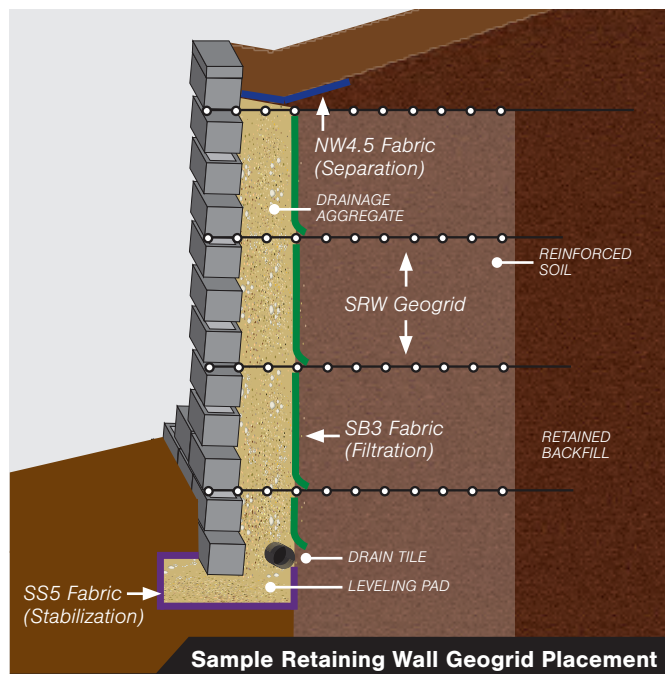
Follow the proper installation shown in green.

NEVER OVERLAP GEOGRID IN RETAINING WALLS!

Example Perpendicular Installation (Bi-Directional and Uni-Directional)



Example Parallel Installation (Bi-Directional)



For illustrative purposes only. Consult an engineer before building.

Road Base Geogrid

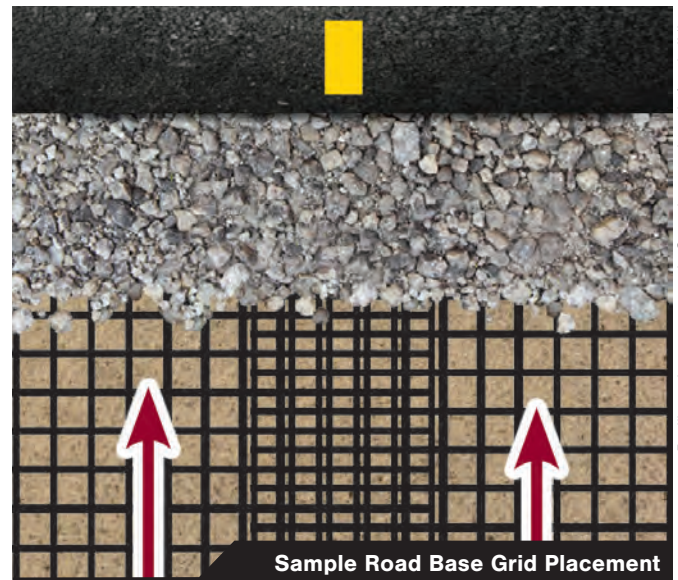
SRW road base geogrid provides excellent stress transfer on roadway projects, aiding in even distribution of load weight and preventing shifting of base material to extend the life of the road.

Benefits

- ▶ Stabilizes road base
- ▶ Provides excellent stress transfer
- ▶ Prevents deterioration/shifting of base material
- ▶ Increases road life span

Applications

- ▶ Sub-Grade Stabilization
- ▶ Soft Soils Under Embankments



Sample Road Base Grid Placement

For illustrative purposes only. Consult an engineer before building.

GEOGRID SPECIFICATIONS

PROPERTIES	Units	3 Series	5 Series	7 Series	8 Series	9 Series
Long Term Design Strength	lb/ft, MD	1093	1919	2740	3412	4137
Aperture Size (avg)	MD x CMD	.75" x .75"	.75" x .75"	.75" x .75"	.75" x .75"	.75" x .75"
Design Strength Properties	RFCR/RFD /RFD	1.54/1.08 /1.10	1.55/1.10 /1.10	1.58/1.05 /1.10	1.55/1.10 /1.10	1.58/1.05 /1.10
Wide Width Tensile Strength	% Ultimate, MD	2000	3600	5000	6400	7550
Roll Widths	ft	4, 6, 12	6, 12	6, 12	12	12
Comparative Products	—	Mirafi 2XT Strata SG150	Mirafi 3XT Strata SG200	Mirafi 5XT Strata SG350	Mirafi 7XT Strata SG500	Mirafi 8XT Strata SG550

ROAD BASE GRID SPECIFICATIONS

PROPERTIES	Units	RB11	RB12
Ultimate Strength	MD XMD	2388 3870	2388 5268
Initial Modulus	MD XMD	178,000 172,900	178,000 235,000
Load at 2% Strain	MD XMD	526 578	526 797
2% Secant Moduli	MD XMD	26,300 28,900	26,300 39,850
Aperture Size (avg)	MD x CMD	1" x 1"	1" x 1"
Roll Widths	ft	12	12
Comparative Products	—	Mirafi BasX-11	Mirafi BasX-12

GEOGRID: CROSS REFERENCE CHART

SRW		MIRAFI		SYNTEEN		STRATA		TENSAR		CARTHAGE		VERSA-LOK		GEOSTAR	
Series	LTDS	Miragrid [®]	LTDS	SF	LTDS	Stratagrid [®]	LTDS	MSE/HS	LTDS	GX [®]	LTDS	VersaGrid	LTDS	GeoGrid	LTDS
Universal	688	—	—	—	—	—	—	—	—	—	—	—	—	MG100	701
3 Series	1161	2XT	1142	SF20	1161	SG150	861	—	—	GX-200	1082	—	—	—	—
5 Series	2064	3XT	1999	SF35	2064	SG200	1919	UX1100/1400	1450/1760	GX-350	1910	VG3	2064	HP200	1884
7 Series	2867	5XT	2684	SF55	2867	SG350	2666	UX1500	2860	GX-500	2562	VG5	2867	HP300	2597
8 Series	3555	7XT	3370	SF65	3555	SG500	3412	UX1600	3620	GX-600	3217	—	—	—	—
9 Series	4329	8XT	3927	SF80	4329	SG550	4346	UX1700	4390	GX-800	4050	VG8	4329	HP500	4442
10 Series	5160	10XT	5042	SF90	5160	SG600	4852	UX1800	5080	GX-1000	5159	—	—	—	—

SRW 11 Series, SRW 12 Series and SRW Roadbase Geogrid are also available. Call for quote and individual specs.

These cross-reference tables are for comparison only. This information has been obtained from the manufacturers' literature or website. It is the users' responsibility to verify that this is the most current information. All final geogrid/construction comparisons should be determined by a licensed design engineer.