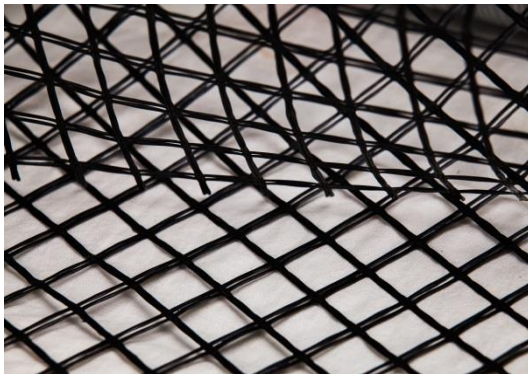


Technical Data Sheet

SSNP, PS, GB *HIGHWAY* geogrids

Reinforcement of asphalt-concrete layers in road dressing



HIGHWAY geogrids are two systems of yarns interknit with a third one (knitting yarn). Geogrids are impregnated with polymer dispersions and may be made of glass, polyester or basalt yarns

Geogrids are impregnated with complex bituminous-polymer compounds in order to improve their adhesive behavior. The grids are manufactured at the European equipment.

Typical application: reinforcing interlayer to increase performance of asphalt-concrete layers in road dressing, to decelerate generation, evolution and extension of cracks. The grids prevent rutting, bloats and shifts generation; extend service life and performance of the road.

Physical and mechanical properties

Property	Unit	SSNP 50/50	SSNP 100/100	PS 50/50	PS 100/100	GB 50/50	GB 100/100
Raw material		Glass fiber		Polyester fiber		Basalt fiber	
Surface weight	g/m ²	≥250	≥500	≥200	≥400	≥200	≥350
Size of a square mesh side	mm, ±2mm	25x25 - 40x40		20x20 - 50x50		25x25 - 70x70	
Tensile strength							
warp	kN/m	≥50	≥100	≥50	≥100	≥50	≥100
weft	kN/m	≥50	≥100	≥50	≥100	≥50	≥100
Elongation at maximum load							
warp	%	≤4	≤4	≤13	≤13	≤4	≤4
weft	%	≤4	≤4	≤13	≤13	≤4	≤4
Standard roll size							
width	m	≤4		≤5		≤5	
length	m	50/75/100		50/75/100		50/75/100	

Possible variations of the product:

- Tensile strength from 10 to 200 kN/m

Regulatory documents:

- CE "Factory production control"№1488-CPR-0448/Z

STEKLONIT JSC Tramvaynaya 15, Ufa, 450027. Tel.: +7 347 293-76-00

Moscow office Profsoyuznaya 23, Moscow, 117997. Tel.: 8 800 500 07 22.

Tverstekloplastik, a branch of STEKLONIT JSC Pashi Savelievoj 45, Tver, 170039.

Tel.: +7 482 255-35-52

Web-site: www.steklonit.com, e-mail: info@steklonit.com