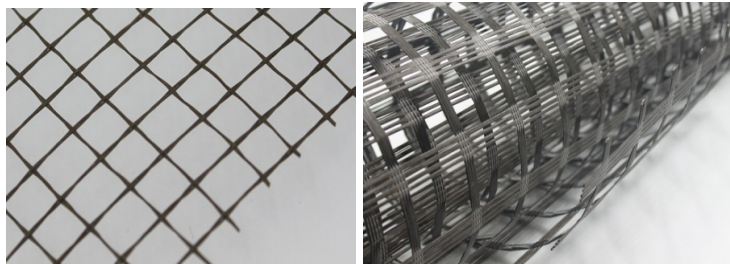


Huabin General Machinery & Equipment Import & Export Co,Ltd

HBGMEC Basalt Fiber Geogrid

Using basalt fibers as raw material, woven into grid, then coated on surface and dried to form geogrid.



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Technical Data - Physical and Mechanical Properties

Property	Values
High Temperature Resistance(strength retention rate)	$\geq 90\%$
Low Temperature Resistance(strength retention rate)	$\geq 80\%$
Alkali Resistance(strength retention rate)	$\geq 75\%$
Appearance	Hard or soft (optional)
Surface Treatment	Antistatic coating, anti-high temperature coating, water compatibility coating or oil compatibility coating (optional)

Application

1. For pavement reinforcement.
2. For anti-cracking project reinforcement.
3. For embankment reinforcement.
4. For slope protection.
5. For construction reinforcement.

Common Specifications

Mesh Size	Surface Density	Breaking Load KN/m		Elongation at Break
mm	g/m ²	Warp	Weft	%
5x5	221	≥ 48	≥ 45	≤ 4
10x10	104	≥ 25	≥ 21	≤ 4
25x25	350	≥ 80	≥ 78	≤ 4
25x25	225	≥ 50	≥ 48.9	≤ 4
50x50	370	≥ 110	≥ 87	≤ 4
100x94	520	≥ 120	≥ 110	≤ 4

Note: custom made depend on requirement.

Packing Description

Single Roll Width	1m, 2m, 3m, 4m, 5m, 6m (optional)
Packaging Type	Paper tube + plastic bag
Single Roll Length	50m or 100m (optional)
Package per Container	30000m ² per 20ft container
Package per Container	60000m ² per 20ft container

Storage Conditions

1. Store in a place of shady and cool, dry and draughty, avoid sun exposure, away from light source, heat source.
2. Store in a place where avoiding mixing with other corrosive chemicals.
3. The storage period is 18 months since manufacturing day.