

Reinforced Embankment of Taiwan High Speed Rail C250

Project location

Shang-Kang, Taiwan

Owner

Pan Asia corporation

Project period

80 days

Specification

Item	ACEGrid® GG150-I
Material	Polyester (PET) Geogrid
Tult (kN/m)	150
Elongation(%)	≤ 11 %
Strength@5% strain(kN/m)	≥ 75

Project Profile

The height of the reinforced embankment is 2m. The width of top surface is 2m and the slope is 1:0.5 (Horizontal : vertical). The total number of the reinforced embankment is four and the total length is 1020m. These reinforced embankments are constructed adjacent to the rail track along north-south direction, and each side of tunnel portals has two of them. The reinforced embankments are designed to be the crash barriers.



ACE Geosynthetics

E-mail: sales@geoace.com
http://www.geoace.com



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