



- Applications**
- Asphalt reinforcement
 - Reduce reflective cracking
 - Prevent traffic induced shearing
 - Extend pavement life

TerraGrid® Asphalt Reinforcement ARC60/TG6060C

TerraGrid® asphalt reinforcement geogrid provides the best solution to prevent reflective cracking in asphalt overlays.

TerraGrid® is an asphalt reinforcement composite which combines a high modulus polyester geogrid with a lightweight non-woven. TerraGrid® is coated with bitumen to strengthen the bond with the asphalt layers. TerraGrid® combines with the asphalt layer to increase the tensile strength, thereby reducing tensile stress peaks.

TerraGrid® reduces reflective cracking due to having similar thermal expansion properties as asphalt. This reduces maintenance costs and extends the service life of the overlay. TerraGrid® is manufactured in accordance to ISO 9001

TerraGrid® Asphalt Reinforcement Specifications		
Mechanical Properties	Unit	Values
Polymer	-	Polyester
QC Strength MD/CMD	kN/m	60/60
Load @ 2% Strain	kN/m	12/12
Peak Strain	%	11
Aperture Size	mm/mm	40/40
Maximum Shrinkage @ 1900C for 30min.	%	1
Coating	-	Bitumen
Mass	gr/m2	360
Geotextile Properties		
Polymer (spun bonded)	-	Polyester
Mass (typ.)	g/m2	60
Binder Retention	L/m2	>0.5
Melting Temperature	°C	>260

This specification is compiled from manufacturers QA testing.