

15006 Construction Materials – Roadways

Index

15006-1	Roadways	2
1.1	Biaxial Geogrid with Integrated Non-woven Geotextile	2
1.2	Durable Pavement	3

15006-1 Roadways

1.1 Biaxial Geogrid with Integrated Non-woven Geotextile

Product Description:

- Polypropylene extruded monolithic flat structured bars
- Integrated non-woven geotextile
- Square shaped apertures
- Welded rigid junctions

Product Use:

- Reinforcement of pavements and soft subsoils
- Reduces aggregate depth requirements
- Provides filtration, separation and drainage

Standard Construction Specification Reference:

- 03060-2.3

Approved products: Manufacturer – Model

- Combigrid 40 / 40 Q1 / 151 GRK 3

All products must meet specification. This section is intended as a guide to products that comply. The Specifications take precedence over this section. Products included in this section must still be proven to comply by the supplier

1.2 Durable Pavement

Product Description

- Semi-flexible surfacing systems for pavement areas that are subject to heavy and/or slowing moving traffic.

Product Use

- Surface must be durable, hard wearing, impermeable and fuel resistant.
- Suitable for new construction and resurfacing and use in heavy industrial and commercial areas of heavy rutting.

Criteria

- Locations must experience heavy rutting and subjected to heavy loading. Eg. Bus Routes.
- The PCI range should be fair to good.
- The subgrade strength must be in a range to fair to strong.

Design

- Deep patching is required to correct localized structural failures – method of construction as per C&D Construction Specification.
- Ensure positive drainage along gutter line to eliminate ponding.
- Durable pavement layers must be at least 75mm.

Standard Construction Specification Reference

- 04010-2.5

Approved Product: Manufacturer- Model

- Lafarge Canada Inc.

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End of Specification 15006