

Product Evaluation

RE: Review of Duralite

PRODUCT INFORMATION

Product Name: Duralite Manufacturer: Oldcastle Infrastructure, Candiac, QC
Website: https://oldcastleinfrastructure.com/ Supplier: Oldcastle Infrastructure, Candiac, QC

VENDOR CLAIMS AND INFORMATION

CLAIMS

Engineered to withstand heavy loads, Duralite™ intelligently blends composite materials to provide durable, accessible security for our necessary infrastructure. To bring innovative products like this, Oldcastle Infrastructure prioritizes rigorous product testing and material science. The result—a lightweight cover and body design that allows for safer installation conditions, plus a uniquely strong configuration that delivers unexpected Tier 15 and Tier 22 performance.

DESCRIPTION

Duralites are ground level boxes used for various applications, including electrical (traffic, street lighting, etc.) and Communications (Fiber Optic, etc.). Various sizes are available, depending on application and required content.

POTENTIAL USAGE

Can be used for enclosing electrical, electronic and communication devices.

STANDARDS

ASTM C1028 (2007) - Standard Test Method for Determining C1028 x 1 the Static Coefficient of Friction of Ceramic Tile and Other Like Surfaces by the Horizontal Dynamometer Pull Meter Method
ANSI/SCTE 77 (2017) - Specification Standard for Underground Enclosure Integrity (section 7.7)
SCTE 77 (2013) - Specification for Underground Enclosure Integrity

ALBERTA TRANSPORTATION AND ECONOMIC CORRIDORS COMMENTS

EXPERIENCE

Transportation and Economic Corridors has no experience with this product.

APPLICABLE STANDARDS

Transportation and Economic Corridors Specification 2.25, Highway Street Lighting.

RECOMMENDATIONS

Duralite Underground Enclosures be listed as a Potential Product under Transportation and Economic Corridors Products List, Electrical Equipment – Electrical Equipment Enclosure – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

RESTRICTIONS ON USE

Caveat:

TRIAL PROJECTS

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