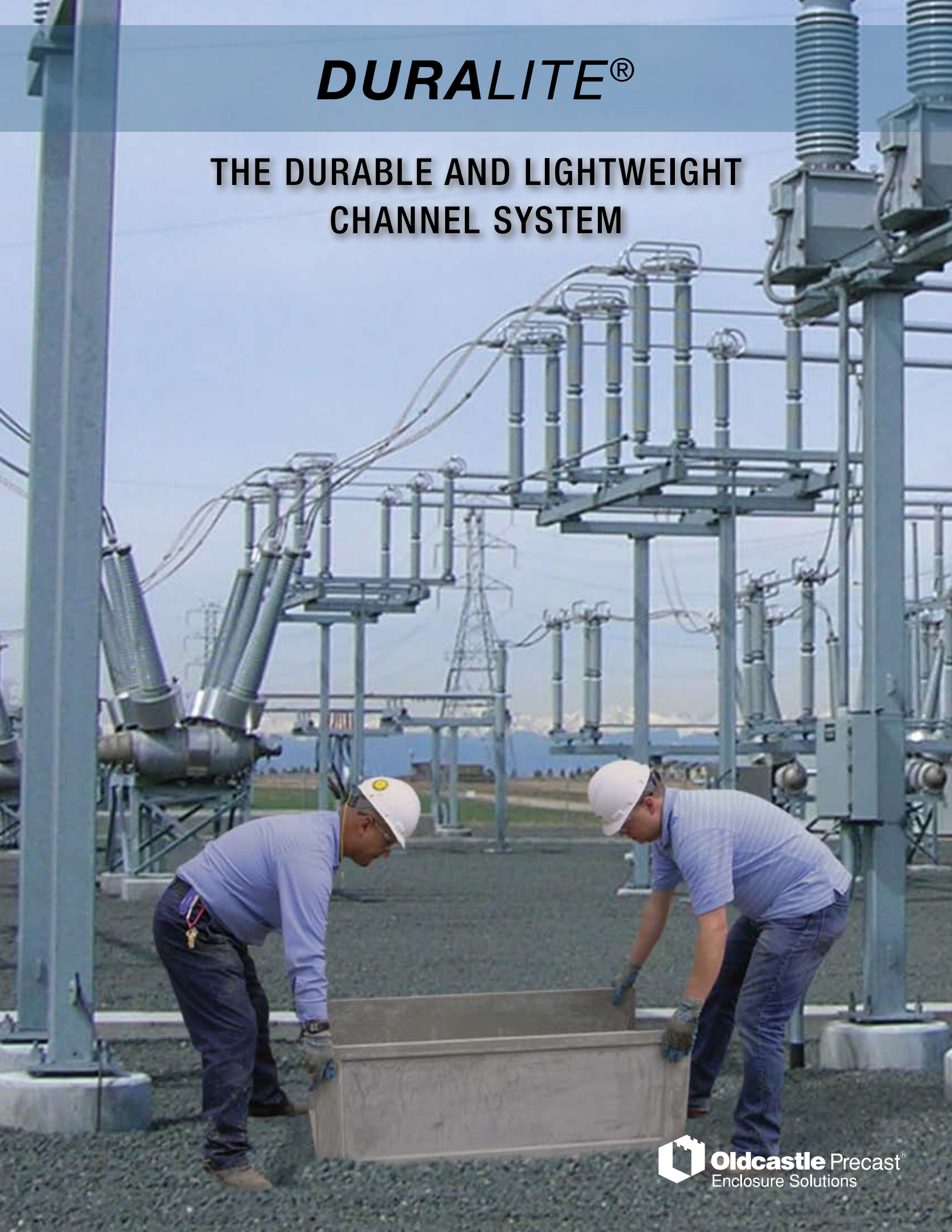


DURALITE[®]

THE DURABLE AND LIGHTWEIGHT CHANNEL SYSTEM



Product Description:

Introducing – The DURALITE Channel System – a durable and lightweight pedestrian rated channel system available in 20”, 30”, and 40” widths, by 48” long.

Installation and handling made easy, no hoisting equipment needed and can be manually installed. Simple installation with no bracket, bolts, nuts or attachments required. DURALITE design allows for easy access and non-slip cover design. DURALITE easily integrates with Plastibeton Channel system

Material Specification:

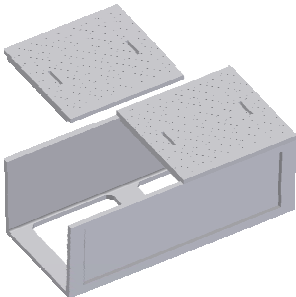
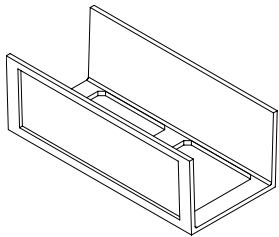
Trench and covers shall be cast from high strength, fiber reinforced, light weight concrete exhibiting the following properties. Manufacturer shall make test reports available on request.

In-House Testing:

- Compressive Strength, ≥ 7000 psi (ASTM C 39)
- Density, ≤ 125 pcf (ASTM C 138)
- Quality Control Practices, Compliant (ASTM C 858)
- Design Load, A-0.3 (ASTM C 857)

Third Party Testing:

- Flammability, Compliant 500°C – 1 hour, no ignition (NFPA 130)
- Water Absorption (ASTM C140)
- Freeze / Thaw (ASTM C67)
- Western Underground Committee 3.6 (WUC 3.6) & ANSI/ SCTE 77-2007 Section 6.3 specifies for CHEMICAL RESISTANCE



Twenty seven (27) material coupons with the same dimensions as the control specimens shall be measured, weighed, and three specimens exposed to each of the following chemical reagents:

REAGENT CONCENTRATION IN WATER SOLUTION

- Sodium Chloride 5%
- Sulfuric Acid 0.1N
- Sodium Carbonate 0.1N
- Sodium Sulfate 0.1N
- Hydrochloric Acid 0.2N
- Sodium Hydroxide 0.1N
- Acetic Acid 5%
- Kerosene Per ASTM D543
- Transformer Oil Per ASTM D543
- The exposure shall be in accordance with ASTM D543, Immersion Test, Practice “A”, Procedures 1 and 2, with both conducted at room temperature, using Standard Laboratory Atmosphere and seven days for all tests. After exposure, the samples shall be measured, weighed and visually examined for changes. The specimens shall be tested for ultimate flexural strength. The values of load and deflection at failure for each specimen shall be averaged to establish the test values for each reagent. The tested specimens must retain at least 75% of the control values for Modulus of Rupture and deflection and have no more than a 2% change in weight.

Revision 4/2009

All information contained in this brochure was current at the time of printing. Because of Oldcastle Precast, Inc.'s policy of ongoing research and development, the Company reserves the right to discontinue or update product information without notice.