PRODUCT DATA SHEET

Product Name
Long Span Closed Riser Steptread

Manufacturer
Stepstone, Inc.
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Gardena, CA 90248
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Product Description
Stepstone has produced high quality precast concrete for over 40 years.
Long Span Closed Riser Steptreads are reinforced, engineered, pre-cast concrete units that come in many standard sizes. All Long Span Closed Riser Steptreads are to be reinforced with zinc plated welded rebar reinforcing cages. Long Span Closed Riser Steptreads are designed for use in commercial and institutional applications.

Composition & Materials
Long Span Closed Riser Steptreads are hand-made, wet-cast from 5000 PSI hard rock concrete using Type III cement.

Sizes
Long Span Closed Riser Steptreads are available in standard sizes ranging 11″-14″ deep, 48″-96″ long with a standard thickness of 3″.

Finishes
Long Span Closed Riser Steptreads available finishes include: Exposed aggregate, broom finish and light, medium, or heavy Sandblast with or without integral contrasting stripes. Long Span Closed Riser Steptreads are available in Wedge or Square edge profiles.

Colors
Long Span Closed Riser Steptreads are available in twelve standard colors:
Almond, Cafe Brown, Espresso Brown, Caramel, French Gray, Granada White, Iceberg Green, Malibu, Santa Fe Buff, Brick Red, Agave, Porcelain; custom colors are available upon request. Integral detectable warning stripes are available in Black, Brown and White

Technical Data
APPLICABLE STANDARDS
American Society for Testing & Materials (ASTM)
ASTM C33 - *Standard Specification for Concrete Aggregates*
ASTM C39 - *Concrete Compressive Strength*
ASTM C150 - *Standard Specification for Portland Cement*
ASTM C642 - *Water Absorption, Density, Voids in Hardened Concrete*
ASTM C666 - *Rapid Freeze/Thaw Resistance of Concrete*

ASTM C979 - *Pigments for Integrally Colored Concrete*
ASTM C1028 - *Coefficient of Friction*

Physical /Chemical Properties
Long Span Closed Riser Steptreads weight is 4.0 LBS per lineal inch at 12" depth.
Water absorption: Not more than 5.0 % average, not more than 6.0 % for any individual unit for standard colors.
Unit length, width and height are not more than +/- 1/8" from standard dimensions. No unit will differ more than +/-1/8" from the approved samples. Test reports are available upon request. Concrete is non-combustible.

Installation
Preparatory Work
Handle and store product according to Stepstone, Inc. recommendations. Follow generally accepted UBC practice.
Methods
Long Span Closed Riser Steptreads are welded to steel structures. Rise and run for the stairtreads are to be determined by the applicable building codes. Long Span Closed Riser Steptreads are designed to meet 100 pound live load, 300 pound concentrated load as per standard building code requirements.
Precautions
Slight variations in color and texture of natural materials are normal. Some minor chipping may result from shipping and handling, but is not detrimental to appearance or function.
Building Codes
Long Span Closed Riser Steptreads are designed to meet or exceed the requirements of the model building codes. Installation must comply with the requirements of all applicable local, state, and national code jurisdictions.

Availability & Cost
Availability
Contact Stepstone, Inc. for information and product availability.
Cost
Budget material cost information may be obtained from the manufacturer at the number above.

Limited Warranty
Long Span Closed Riser Steptreads are guaranteed against defects in material and workmanship for a period of five years. Unusual abuse and neglect will invalidate the limited warranty. Contact manufacturer for additional information on warranty conditions, duration, and remedies.

Maintenance
Stepstone, Inc. recommends a concrete sealer. Exterior products may be washed periodically to remove dirt, stains, and mildew. Periodic inspection may be advisable in some environments in order to ensure pre-cast components are fixed in place and not subject to movement. In freeze-thaw areas sealers must be maintained to cover warranty.

Technical Services
The manufacturer maintains a technical sales department offering specifications and engineering calculations for specific products and samples. For assistance contact Stepstone, Inc.