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13238 SO. FIGUEROA ST. LOS ANGELES, CA 90061 | www.stepstoneinc.com

## PRODUCT DATA SHEET

### Product Name

Long Span Open Riser Steptread

### Manufacturer

Stepstone, Inc.  
17025 So. Main St.  
Gardena, CA 90248  
Phone 310-327-7474  
Fax 310-217-1424  
Toll free 800-572-9029

### Product Description

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

### Composition & Materials

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

### Sizes

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

### Finishes

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

### Colors

Long Span Open 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*



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ASTM C1028 - *Coefficient of Friction*

### **Physical /Chemical Properties**

Long Span Open Riser Steptreads weight is 36 LBS per square foot.

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 Open Riser Steptreads are welded to steel structures. Rise and run for the stairtreads are to be determined by the applicable building codes. Long Span Open 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 Open 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 telephone number above.

### **Limited Warranty**

Long Span Open 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.