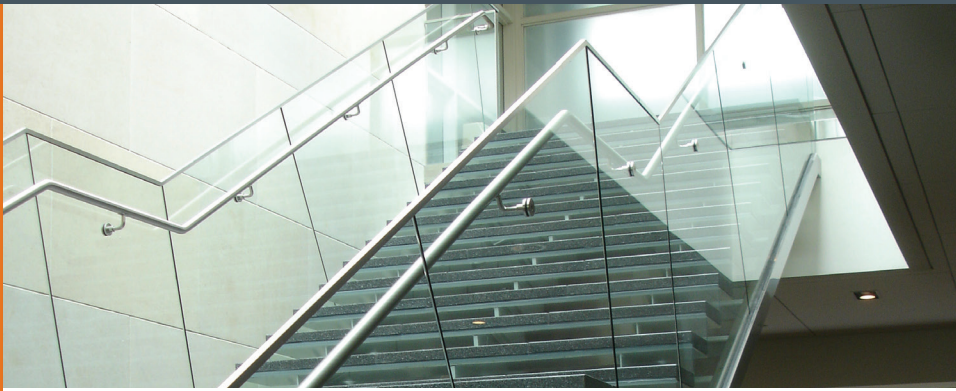


# STRUCT-U-RAIL Product Data Sheet



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## 1. PRODUCT NAME

Handrailing system bearing the STRUCT-U-RAIL

## 2. MANUFACTURER

Livers Bronze exclusively manufactures the handrailing system as described on this sheet.

## 3. BASIC USE

Livers Bronze STRUCT-U-RAIL system is a pre-engineered component based railing system, shipped to the jobsite ready to install.

**LIMITATIONS:** STRUCT-U-RAIL railing system is only limited by the materials from which it is fabricated.

Pre-engineered railing should be assembled using the components listed:

**BASE:** 2 1/2" X 4" 810A or 813A -extruded aluminum base.

**CAP RAIL:** A wide selection of metal and wood caps in many styles, sizes and finishes are available.

**SIDE MOUNTED HANDRAIL:** A 1 1/2" round metal handrail with bracket is available in a variety of materials and finishes. 2" diameter (minimum) wood rail with sanded finish also available (specify species).

**FINISHES:** A wide selection of colors and textures in powder coat is available. Colors are selected from manufacturers standard color charts. Standard directional and non-directional satin and polished finishes are available for stainless steel and bronze. Wood to be sanded for final field finish by others.

**TRIM:** Custom trim closures and cladding are available from Livers Bronze. All metals and finishes, except anodized finishes, are available. Contact Livers Bronze for additional information.

**GLASS:** 1/2" tempered glass furnished by Livers Bronze. 3/4" tempered glass, (use base 813A) may be used for aesthetic reasons.

All glass panels are field glazed to allow for maximum adjustment due to variance in field conditions. For curved sections, bent tempered glass is utilized to form the desired radius.

## 4. TECHNICAL DATA

The STRUCT-U-RAIL railing system is designed to meet performance criteria as outlined in IBC 2012.

## 5. INSTALLATION

Livers Bronze STRUCT-U-RAIL system must be attached with fasteners and to surfaces that are approved or selected by the manufacturer, and must be detailed on all shop drawings.

## 6. AVAILABILITY AND COST

**AVAILABILITY:** STRUCT-U-RAIL railing system is subject to current delivery schedules. Each project must be reviewed before scheduling is available.

**COST:** Varies according to quantity and material. Further information may be obtained from Livers Bronze or one of its authorized representatives.

## 7. GUARANTEE

Livers Bronze warrants that its STRUCT-U-RAIL railing system is of sound quality, conforming to standards as stated in part 4 hereof and is reasonably free of defects in material and workmanship. Inasmuch as Livers Bronze has no control over the installation of its products, no other warranty is expressed or implied. Livers Bronze does not warrant against glass breakage.

## 8. MAINTENANCE

The surface of Livers Bronze material can be kept clean by the use of ordinary soaps and mild cleansers. Abrasive cleaners should not be used.

## 9. TECHNICAL SERVICES

Technical services are rendered direct from Livers Bronze in Kansas City, Missouri.