

MATRIX Product Data Sheet



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1. PRODUCT NAME

Handrailing system bearing the name MATRIX

2. MANUFACTURER

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

3. BASIC USE

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

LIMITATIONS: MATRIX railing system is only limited by the materials from which it is fabricated.

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

MATRIX POST: 42" high guardrail post for tempered glass infill applications. Shall be type 304 #4 stainless steel (Matrix-SS) spaced at 4' - 0" O.C. maximum.

42" high guardrail post for tempered glass infill applications with side mounted handrail at 34" above stair nosing. Shall be 304 #4 stainless steel (Matrix-SS) spaced at 4' - 0" O.C. maximum.

Posts are available in steel – powder coated finish (Matrix-ST).

TOP RAIL: 1.5' round steel, stainless steel, aluminum or bronze (2" round minimum for wood top rail).

ASSIST RAIL: 1.5" round steel, stainless steel, aluminum or bronze.

MOUNTING FINS / HARDWARE: Architect to select materials and finishes.

Standard details: Mounting fins to be steel with a blackened finish. Hardware to be stainless steel, aluminum and brass.

FINISHES: A wide selection of colors and textures in powder coat is available for steel post finishes and finishes

for fins. Colors are selected from manufacturers standard color charts. Standard circular satin and polished finishes are available for stainless steel and bronze railings. Anodized finishes are not available. Hardware is available in satin / polished stainless steel, aluminum and brass.

GLASS: 3/8" tempered glass infill furnished by Livers Bronze for field attaching to MATRIX post.

4. TECHNICAL DATA

The MATRIX railing system is designed to meet performance criteria as outlined in IBC 2012.

5. INSTALLATION

Livers Bronze MATRIX railing 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: MATRIX railing system is subject to current delivery schedules. Each project must be reviewed before scheduling is available.

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

7. GUARANTEE

Livers Bronze warrants that its MATRIX 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.