

HOW TO USE THIS HANDBOOK

The thickness contained in this handbook are applicable for Underwriters Laboratories, Inc. Fire Resistance designs for beams and columns. They are applicable to Monokote® Types MK-6/HY and MK-6s, Z-106, Z-106/HY and Z-106G, Z-146 and Retro-Guard® RG. Some designs are applicable to specific products. Consult the heading of individual designs for Monokote types applicable. Updated or improved thicknesses may be available. Please consult your local Grace representative. When Z-106/HY is not specified in the design header, add 1/16" for thicknesses less than 9/16", otherwise the listed thicknesses are applicable to Z-106/HY.

UL DESIGNS

Find your assembly and support type in the Index under Construction Type or in the Design Selection Flow Chart. Read the UL Design number and turn to the appropriate UL Design tab.

ICBO TABLES

Find your assembly and support type in the Index under Construction Type. Read the ICBO Table number and accompanying UL Design and turn to the appropriate UL Design Tab.

NOTES

For protected floor or roof deck thickness (including electrified components and joist thickness) see the designated UL Design in the current UL Fire Resistance Directory or ICBO Evaluation Report.

Trusses, truss members and miscellaneous steel may require special consideration. For additional information contact your local Grace representative.

For Future Floor assemblies (floor assemblies with rigid roof insulation other than 2.3pcf polystyrene insulation) consult your local Grace representative.

UL 'N' and 'S' series beams and joists may be substituted into UL. 'A', 'D', 'G', 'J' and 'P' series designs. For a complete discussion of the rules of beam/joist substitution, please see the latest UL Fire Resistance Directory or contact your local Grace representative.

**Should you have any questions regarding this Handbook,
please contact your local Grace Sales Office**

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