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MCA Publications



Preformed Metal Wall Specification Guidelines Replaces "Preformed Metal Wall Guidelines" of 1995

This new guide is designed to assist architects, specifiers, manufacturers, and others involved in preparing project specifications. It presents a format to solicit equivalent and competitive bids based on performance and includes details of what to look for in system performance, maintenance, components, and installation tolerances.

MCA Marketing and Technical Bulletin on Metal Composite Foam Wall Panels

This is the most comprehensive guide available for metal composite foam wall panel applications and shows the advantages to be derived from their use. It covers reasons for choosing metal foam wall panels, performance criteria and applications as well as product manufacture and background description. Designers, specifiers and building owners will especially appreciate the summary of features, functions and benefits, a specification guide, and the vertical and horizontal panel details included in this publication.



Marketing and Technical Bulletin on Smooth-Faced Uninsulated Metal Wall Panels

This guide describes wall cladding materials that include metal composite materials, aluminum plate and honeycomb core panels. The typical applications and performance criteria for each type of material are covered. A detailed section on the widely used finishes includes paint systems, anodized finishes and mica or metallic coating systems. Building owners, designers and architects will appreciate a summary of the features and benefits of uninsulated metal wall panels and a specification guideline for each type of material included in this publication.

Guidelines for Commercial Roofing: Metal Roof Design for Cold Climates

Designing trouble-free roofing systems for northern climates can be a formidable task. Metal roofing has been a favored choice of building designers in these climates to meet these challenges. Now this publication takes the mystery out of the process by explaining the causes and practical cures for some of the common problems, such as icing and de-icing. This guide includes a comprehensive, yet easy-to-understand evaluation of the effects of snow and ice on rooftops; proper panel anchorage; the principles of snow migration

Guide Specification for Residential Metal Roofing

Produced in cooperation with the National Coil Coating Association and the American Iron and Steel Institute, this comprehensive guide has what designers and specifiers need to know for proper specification of residential metal roofing. It includes a glossary of related ASTM tests and references.

Selection Guidelines for Metal Composite Foam Roof Panels

For designers, specifiers and installers this guide has it all. It explains how the panels are manufactured, offers a detailed comparison of MCFP systems to other roofing systems, including an analysis of performance criteria and other selection considerations. Other sections are devoted to product testing and certification, finish selection, design parameters, installation and accessories, and detailed installation illustrations for ridges, eaves, rakes, end laps, and small penetrations.

and control, including snow-shed and snow retention, how snow-retention systems work, and the essentials of their selection, use and placement. This is a practical "must-have" aid for architectural designers of buildings in northern climates.

2002 Ducker Metal Wall Panel Industry Profile and Analysis (members only)

Learn all about the non-residential metal wall panel market from this report. It gives valuable insight on current and future conditions and trends in this vibrant market. This publication is only available to MCA members.

A Primer on Diaphragm Design Manual

Designers, specifiers and contractors will find this manual extremely valuable. It provides the supporting theory, load tables, relevant problems, and illustrations regarding connection details for roof or wall diaphragm assemblies. The scope of the work includes a variety of material connections: elevated side flat fastening, top flat fastening, bottom flat fastening, fastening to wood, aluminum, and steel as well as structural members and fastening of exposed cladding.

Mastering the Craft: The Essentials of Metal Roof Systems

Produced jointly by MCA and the NRCA, this training tool offers contractors and installers an introduction to the various metals, finishes, and coatings; panel types; installation techniques; and handling metal roof panels on the jobsite. Available in English and Spanish, the DVD is a valuable resource for new and experienced workers. Order through the NRCA InfoExpress at 866/275-6722 or e-mail at infoexpress@nrca.net. The NRCA and MCA member price of \$150 (retail \$225) includes the DVD, one instructor's guide and student manual in English and

Spanish. Additional manuals are \$8 each (members and non-members). Multiple purchases of the DVD qualify for a discount.

MCA and NRCA Member Price \$150
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