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A technical newsletter for Architects and Designers



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AAMA STANDARDS for Finishes on Coils of Aluminum or Steel

The American Architectural Manufacturers Association (AAMA) maintains two standards for the durability of coil coated finishes on aluminum and steel coil material.

COIL COATINGS can be applied to entire coils of metal stock. The "coil" is coated with a polyvinylidene fluoride (PVDF) or fluorinated ethylene vinyl ether (FEVE) or other coating formulation, then heat cured. Later the coil can be bent and formed into specific shapes—and the finish coating adheres perfectly to the metal sheet while being bent or formed. Once formed, there is no need to apply the finish coating since the finish was pre-applied to the metal coil.

AAMA Standards 620 and 621 define durability for finish coatings shop-applied to coils of metal sheet (called a coil-coated finish).

These finishes are comparable in durability to the other AAMA finish standards for extruded aluminum (see previous newsletter).

AAMA 620 Voluntary Specifications for High Performance Organic Coatings on Coil Coated Architectural Aluminum Substrates is the standard for finishes applied to aluminum coil stock.

AAMA 621 Voluntary Specifications for High Performance Organic Coatings on Coil Coated Architectural Hot Dipped Galvanized (HDG) & Zinc-Aluminum Coated Steel Substrates is the standard for finishes applied to steel coil stock.

FINISH WARRANTIES on these coatings vary with the coating formula, but generally range from 10 years to 30 years, because coil-coated finishes are very durable and long-lasting.

In the Next Newsletter....

LEED CHANGES: LEED 2012 changes are moving forward at USGBC, and will be ready for members to ratify in mid-2013. The new LEED will not be called LEED 2012, but will be known as "LEED v4" with a small v.



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