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NOW-2500 Series

Features and Benefits

Column covers are a popular choice for any building, inside and out. The round or rectangular cladding protects load-bearing members, which rarely exude much curb appeal on their own. When fabricated out of aluminum composite material (ACM), column covers are an affordable solution, with greatly reduced lead times.

ACM is the ideal choice for column covers. It is easy to curve, yet the material's natural rigidity virtually eliminates oil-canning. The coil-coated Kynar™ paint finish comes with a 30-year warranty against chalk and fade, in accordance with ASTM D4214 and ASTM D2244. The unsurpassed color uniformity of ACM ensures that separate fabrication lots will not vary in appearance.

NOW curves the aluminum composite sheets locally and to your custom design, then installs one of our proprietary, interlocking attachment systems to the ACM. Finally, the column covers receive protective crating for eventual shipment. This way you can be assured that site developments do not mean long-term storage, or the risk of damage.



Description

The NOW-2500 series offers varying system depths and three joint configurations: wet sealed, hairline or dry joint. Project designers might also consider recessed reveals at top or bottom. The short lead times offered by manufacturers such as Alucobond, Reynobond and Alpolic help to keep the project on schedule. All columns are field-measured prior to fabrication, which prevents any unsightly, last minute field modifications.

Expensive, long-lead column covers with inconsistent finishes and few joint options are a thing of the past. With a standard minimum radius of 8", lengths up to 20'-0", an entire palette of colors at your disposal and the option for natural metals (MCM), the design possibilities have no end.

About the MCA Premium Fabricator Certification

The Metal Construction Association (MCA) is a nationwide trade organization through which members of the construction industry can develop programs that promote the integration of metal in design, and to ensure its proper use. The MCA's mission is "expanding the use of metal in construction through marketing, technology, and education."

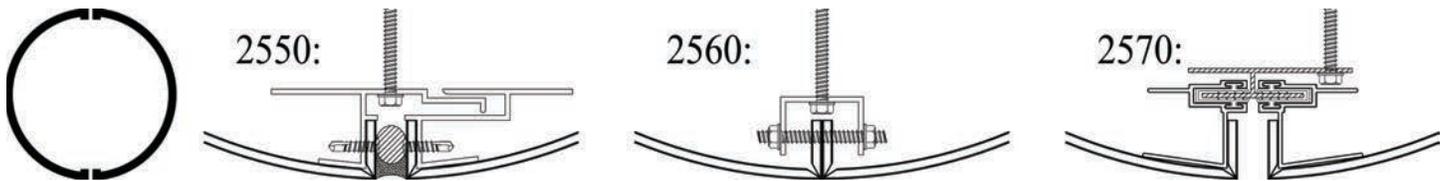
The Premium MCM Certification is an important part of this mission, offering to the design community a single, reputable source for MCM fabricator selection. Fabricators certified as "Premium MCM" by the Metal Construction Association must demonstrate longstanding experience, exceptional quality, and a broad base of services. As of this publication date, only four other US-based fabricators qualify for this mark. NOW is very proud to be a member of this select group.

Material Properties on back

Column cover options

Material thickness:	3mm, 4mm, 6mm
Material cores available:	Polyethylene (ASTM E84), flame-retardant (NFPA 285)
Exterior paint finish:	Kynar
Colors available:	Standard, custom, opaque, mica, metallic, anodized, pearlescent, natural metals
Minimum recommended radius:	8 inches
Maximum length:	20'-0"
Systems:	2550 (route and return wet) 2560 (hairline joint, hook-and-pin) 2570 (modified dry system)

System overviews



Sheet properties

Property, standard, unit	Measurement/rating
Coefficient of expansion, ASTM D696, in/in/°F	13×10^{-6}
Tensile strength, ASTM E8, psi	6913 (48)
Yield strength, ASTM E8, psi	6429 (44)
Elongation	13.5%
Thermal conductance, ASTM C976, Btu/(ft ² × h × °F)	10.75
Minimum Drum peel, ASTM D1781, in-lb/in	22.5
Thermal resistance, ft ² × h × °F	0.09
Sound transmission coefficient, ASTM E413	26
Surface burning characteristics, ASTM E84	
Smoke developed index	450 maximum
Flame spread index	25 maximum
Vertical transmission, ASTM E108 (modified)	Passed
Ignition temperature, ASTM D1929	
Flash ignition	716° F
Self-ignition	752° F
Rate of burning, ASTM D635	CC1

(Values assume 4mm Alpolic with polyethylene core. Actual values may vary with sheet manufacturer and material core.)



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