1. PRODUCT NAME
METAFORE™
ARC-METAFORE™
MFP120 – MFX120

2. MANUFACTURER
ATUS INTERNATIONAL, INC.
Website: www.atas.com
Email: info@atas.com
Corporate Headquarters:
Allentown, PA, 18106
Phone: (800) 468-1441
Western Facility:
Mesa, AZ  85204
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3. PRODUCT DESCRIPTION
Basic Uses:
Metafor and Arc-Metafor panels with the Wind-
Lok™ application have a ribbed appearance with a
concealed clipless fastening system. Lightweight,
but strong, installation does not require additional
structural changes. The panels can be applied
directly to wood or metal framing. These panels
are typically used for siding, ceilings, fascias,
mansards, equipment screens, walkways,
balconies, entrances and vestibules. Arc-Metafor
panels are custom formed to either concave or
convex shapes and may be applied directly to the
framing without the need for sub-sheathing.

Composition & Materials:
Standard Offerings:
Metafor panels (MFP120)
are roll-formed from .032, .040 or .050 aluminum.
Arc-Metafor panels (Convex-MFX120 and Concave-
MFV120) are available in .032 Aluminum only.
Special Offerings:
16, 20 oz. copper; .0197 classic
& terne coated stainless steel may be specified,
subject to minimum quantities and lead time.

Sizes and Profiles:
Panel widths are 12"; panel depth is a nominal
5/8". Arc-Metafor panels have a minimum convex
radius of 5'-9" and a minimum concave radius of
10'-0". When calculating panel length for ARC-
Metafor, allow for an 9" deflection each end of
the panel (18" total). Panel lengths are custom
specified from 1'-6" to transportation limitations.

Colors & Finishes:
A choice of over 30 stock colors is available in a
70% PVDF finish. (Request color chart or chips).
Custom colors available. An anodized finish is
available in clear satin or dark bronze. Texture may
be smooth or stucco embossed. Perforations are
available.

4. TECHNICAL DATA
70% PVDF based finishes tested by paint supplier
for:
- Dry Film Thickness: ASTM D 1005, ASTM D 1400, ASTM D 4138 or ASTM D 5796
- Specular Gloss: ASTM D 523
- Pencil Hardness: ASTM D 3363
- T-Bend Flexibility: ASTM D 4145
- Mandrel Bend Flexibility: ASTM D 522
- Impact Resistance: ASTM D 2794
- Adhesion: ASTM D 3359
- Water Immersion Resistance: ASTM D 870
- Abrasion Resistance: ASTM D 968
- Acid Resistance: ASTM D 1308
- Acid Rain Resistance (Kesternich): ASTM G 87 or DIN 50018
- Salt Spray: ASTM B 117
- Cyclic Salt Spray: ASTM D 5894 and ASTM D 5487
- Humidity Resistance: ASTM D 2244
- Chalking Resistance – ASTM D 4214
- Cleveland Condensing Cabinet: ASTM D 4585
- Cure Test, MEK Resistance: ASTM D 5402
- Alkali Resistance, Sodium Hydroxide: ASTM D 1308, Procedure 7.2
- Flame Spread Rating: ASTM E 84
- Organic coatings meet requirements of AAMA
2605 when applied to aluminum.

Panel testing/ratings:
- Aluminum: ASTM B 209
- Coil Coating: ASTM A 755
- Load Tables available upon request.

5. INSTALLATION
Installation is achieved by interlocking the panel
into the preceding panel and fastening with
mechanical fasteners. The fasteners are concealed
by the rib of the adjoining panel. Installation
manuals or hands-on training via seminars are
available through ATAS. Visit www.atas.com for
more information.

6. AVAILABILITY & COST
Availability:
Metafor and Arc-Metafor panels are available
through ATAS product distributors. A complete
line of related components and trim accessories
is available to complete the wall system. In
addition, a complete line of rainware and perimeter
roof edge trims can be supplied by ATAS to
complement the wall system. Flat sheet and/or
coil stock is available in matching color for
fabrication of related components by the installing
contractor.

Cost:
Contact ATAS product distributors for current
pricing.

7. WARRANTY
Products coated with a fluoropolymer, 70% PVDF
finish carry a thirty (30) year limited warranty
against chalking and fading.

8. MAINTENANCE
Metafor and Arc-Metafor panels require limited
maintenance. Surface residue may be easily
removed by conventional cleaning methods. Minor
scratches may be touched up with a matching
paint, available from the manufacturer.

9. TECHNICAL SERVICES
Complete technical information and literature are
available at www.atas.com. ATAS will assist with
design ideas and shop drawings.

10. FILING SYSTEM
- www.atas.com
- Additional product information is available
  from the manufacturer upon request.