

**INTER-LOCK IL20** is a structural panel which is snapped together during installation. The panel is an integral interlocking system by design which installs in one direction from a given starting point. A double male\* starter panel is available (for a minimal setup fee) and may be installed in the middle of a roof area to achieve a symmetrical layout. INTER-LOCK is a very flexible panel design which works well with a wide range of building designs.

#### ROOF ASSEMBLIES

INTER-LOCK IL20 can be applied over various roof assemblies including: rigid insulation (utilizing a bearing plate under each panel clip spaced 48" o.c., max.) over 22 ga. corrugated steel deck, and various solid substrates including plywood sheathing, nail base insulation, or steel deck.

#### PRODUCT USES AND APPLICATIONS

Product uses include roofs with slopes as low as 3:12, vertical fascia, equipment screens, mansards, and wall panels. This system may also be installed on tapered roof areas.

#### PRODUCT OFFERINGS

24 ga., 22 ga. Steel, and .032, .040 Aluminum

• IL2012 with 12" o.c. seams

• IL2016 with 16" o.c. seams

• IL2018 with 18" o.c. seams

16, 20 oz. Copper

• IL2012 with 12" o.c. seams

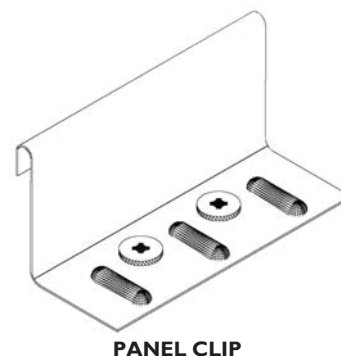
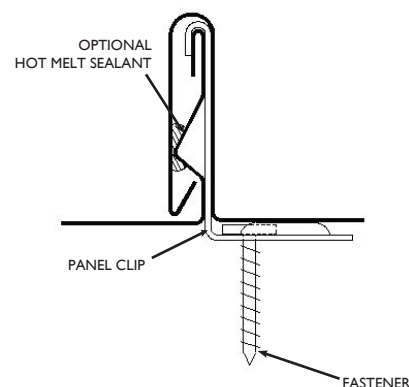
• IL2018 with 18" o.c. seams

#### PERFORMANCE TESTED

- UL-580 Wind Uplift
- ASTM E1592 Uniform Static Air Pressure
- ASTM E1646 Air Leakage
- ASTM E1680 Water Penetration

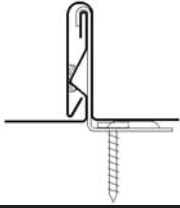
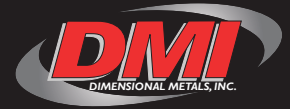
#### INTER-LOCK ADVANTAGES

- Optional Factory Applied Non-Curing Sealant: for superior watertightness
- Engineered Snap-Together Design for easy installation
- Symmetrical Visual Aesthetics: providing a non-directional appearance
- Clip allows for unlimited thermal expansion and contraction
- Continuous Interlocking Seam: no seam disengagement
- Anti-Siphoning Seam Design: prevents water infiltration
- Continuous Rollformed Lengths: eliminates need for panel lap joints.
- Total System Warranties Available: For total confidence



\*Note: Metallic paint finishes are "directional" and are not recommended for "double male" panels.

# IL20 SUBMITTAL



**PROJECT NAME:** \_\_\_\_\_  
**ARCHITECT:** \_\_\_\_\_  
**INSTALLING CONTRACTOR:** \_\_\_\_\_  
**GENERAL CONTRACTOR:** \_\_\_\_\_  
**SPECIFICATION SECTION:** \_\_\_\_\_

## PANEL WIDTH

☐ 12"    ☐ 16"    ☐ 18"

## CLIPS

☐ EXPANSION

## PROFILE

☐ **STRIATIONS**  
(STANDARD)



☐ **SMOOTH**



☐ **2 HIGH BEAD**



☐ **2 LOW BEAD**



| DynaClad®<br>Standard Colors<br>(IN ALPHABETICAL ORDER) | STOCKED AT DMI       |                      |                        |                        |                        |                        |
|---|----------------------|----------------------|------------------------|------------------------|------------------------|------------------------|
|   | 24 GAGE<br>GALVALUME | 22 GAGE<br>GALVALUME | .032 ALUM.<br>3105 H14 | .040 ALUM.<br>3105 H14 | .050 ALUM.<br>3105 H14 | .063 ALUM.<br>3105 H14 |
| AGED COPPER*  | •                    |                      | •                      |                        |                        |                        |
| BEIGE   | •                    |                      | •                      | •                      | •                      |                        |
| BRITE RED*  | •                    |                      | •                      | •                      |                        |                        |
| BROWN   | •                    |                      | •                      | •                      |                        |                        |
| BURGUNDY  | •                    |                      | •                      |                        |                        |                        |
| CHAMPAGNE*  | •                    |                      | •                      |                        |                        |                        |
| CHARCOAL GREY   | •                    |                      | •                      | •                      |                        |                        |
| CLASSIC BRONZE  | •                    |                      | •                      | •                      |                        |                        |
| COBALT BLUE   | •                    |                      | •                      |                        |                        |                        |
| COLONIAL RED  | •                    |                      | •                      | •                      |                        |                        |
| DARK BRONZE   | •                    | •                    | •                      | •                      | •                      | •                      |
| DOVE GREY   | •                    |                      | •                      | •                      |                        |                        |
| EVERGREEN   | •                    |                      | •                      | •                      |                        |                        |
| HARTFORD GREEN  | •                    |                      | •                      |                        |                        |                        |
| HEMLOCK GREEN   | •                    |                      | •                      |                        |                        |                        |
| LEAF GREEN  | •                    |                      | •                      |                        |                        |                        |
| MATTE BLACK   | •                    |                      | •                      | •                      |                        |                        |
| METALLIC COPPER*  | •                    |                      | •                      |                        |                        |                        |
| METALLIC SILVER*  | •                    |                      | •                      |                        |                        |                        |
| MUSKET GREY   | •                    |                      | •                      | •                      |                        |                        |
| PATINA COPPER   | •                    |                      | •                      | •                      |                        |                        |
| PUTTY   | •                    | •                    | •                      |                        | •                      |                        |
| ROYAL BLUE  | •                    |                      | •                      | •                      |                        |                        |
| SANDSTONE   | •                    | •                    | •                      | •                      | •                      |                        |
| SEAPORT   | •                    |                      | •                      | •                      |                        |                        |
| SLATE BLUE  | •                    |                      | •                      |                        |                        |                        |
| SLATE GREY  | •                    |                      | •                      | •                      | •                      |                        |
| SPARTAN BRONZE  | •                    |                      | •                      | •                      |                        |                        |
| STONE   | •                    |                      | •                      | •                      |                        |                        |
| TERRA COTTA   | •                    |                      | •                      |                        |                        |                        |
| WEATHERED ZINC*   | •                    |                      | •                      |                        |                        |                        |
| WHITE   | •                    | •                    | •                      | •                      | •                      | •                      |
| MILL FINISHED ALUM.                                     |                      |                      | •                      | •                      | •                      | •                      |
| ACRYLUME®   | •                    | •                    |                        |                        |                        |                        |
| CLEAR ANODIZED  |                      |                      | •                      | •                      |                        |                        |

## SUBSTRATE

☐ 24 GA. GALVALUME    ☐ 16 OZ. COPPER  
☐ 22 GA. GALVALUME    ☐ 20 OZ. COPPER  
☐ .032 ALUMINUM  
☐ .040 ALUMINUM

## EMBOSSED

☐ YES  
☐ NO

*Consult DMI for minimum quantities, upcharges, set up fees and extended lead times*

## STANDARD FINISHES (NA ON COPPER)

☐ DYNACLAD® PVDF: \_\_\_\_\_  
☐ ACRYLIC COATED GALVALUME (ACRYLUME®)  
☐ MILL FINISH ALUMINUM  
☐ CLEAR ANODIZED ALUMINUM

## PREMIUM FINISHES\*

☐ DYNACLAD® METALLIC PVDF: \_\_\_\_\_  
☐ DYNACLAD® BRITE RED PVDF  
☐ DYNACLAD® STANDARD COLOR PVDF W/CLEARCOAT (3-COAT): \_\_\_\_\_  
☐ DYNACLAD® METALLIC COLOR PVDF W/CLEARCOAT (3-COAT): \_\_\_\_\_  
☐ CUSTOM COLOR: \_\_\_\_\_

*\*Premium Colors subject to minimum quantities, extended lead times and upcharges. Consult DMI for details.*

## WARRANTY

☐ DYNACLAD® PAINT FINISH  
☐ GALVALUME 20 YEAR - 6 MONTH (SUBSTRATE)  
☐ WATERTIGHTNESS

☐ DYNACLAD® METAL ROOFING SYSTEM \_\_\_\_\_  
☐ DYNACLAD® METAL ROOFING SYSTEM NDL \_\_\_\_\_

*Non-Stock colors available subject to minimum quantities, additional lead times and upcharges.*

*\* Denotes Premium Color - subject to additional costs.*

Dimensional Metals, Inc. has specialized in the manufacturing of Architectural Metal Panel Systems and Fabricated Architectural Sheet Metal for the construction industry for over 25 years. We use the most technologically advanced Fixed Base Roll-Forming Equipment to deliver complete in-house quality control over the manufacture of our products.

**Proven, Dependable, and Sustainable Exterior Metal Systems for over 25 Years**