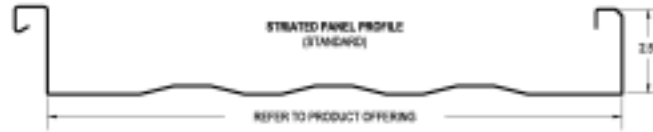
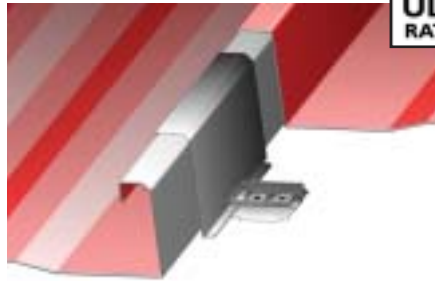


Architectural Metal Panel Systems and Fabricated Sheet Metal

SPAN-LOCK SL25



SPAN-LOCK SL25 is a structural panel which is mechanically seamed during installation. The product is an integral interlocking system by design meaning the panels install in one direction from a given starting point. A SL25DM (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. SPAN-LOCK is a very flexible panel design which works well with a wide range of building designs. Three different clips are available: Low Floating, High Floating, and Fixed.

ROOF ASSEMBLIES

SPAN-LOCK SL25 can be applied over various roof assemblies including: open framing, rigid insulation (utilizing a bearing plate under each panel clip spaced 60" 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 low to high slope roofing, 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
SL2516 with 16" o.c. seams

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

ADVANTAGES

1. UL-90 classified assemblies: high wind uplift loading capacities
2. ASTM Air, Water Infiltration and Structural Tested.
3. Factory Applied Non-Curing Sealant: for superior watertightness
4. Mechanically seamed: may be installed on low slope applications
5. No Hand Seaming Required: built-in locking leg keeps the roof panel in place until ready to mechanical seam
6. Multi-directional Mechanical Seaming: panel seaming is simplified
7. Expansion Clips: allows for thermal expansion and contraction
8. Continuous Rollformed Lengths: eliminates need for panel lap joints.

SPAN-LOCK SL20



SPAN-LOCK SL20 is a structural panel which is mechanically seamed during installation. The product is an integral interlocking system by design meaning the panels install in one direction from a given starting point. An SL20DM (double male*) starter panel is available (for a minimal set-up fee) and may be installed in the middle of a roof area to achieve a symmetrical layout. SPAN-LOCK is easy to install on a variety of roof plan designs.

ROOF ASSEMBLIES

SPAN-LOCK SL20 can be applied over various roof assemblies including: open framing, rigid insulation (utilizing a bearing plate under each panel clip spaced 30" o.c., max.) over 22 ga. steel deck, and various solid substrates including plywood sheathing, nail base insulation.

PRODUCT USES AND APPLICATIONS

Product uses include low to high slope roofing, vertical fascia, equipment screens, mansards, and wall panels. This system may also be installed on tapered and curved roof areas.

PRODUCT OFFERINGS

24 ga., 22 ga. Steel, and .032, .040 Aluminum
SL2016 with 16" o.c. seams
SL2018 with 17.65" o.c. seams
16, 20 oz. Copper
SL2012 with 12" o.c. seams
SL2018 with 17.65" o.c. seams

ADVANTAGES

1. UL-90 classified assemblies: high wind uplift loading capacities
2. ASTM Air, Water Infiltration and Structural Tested: proven air and water tightness
3. Factory Applied Non-Curing Sealant: superior watertightness
4. Mechanically Seamed: may be installed on low slope applications.
5. Multi-directional Mechanical Seaming: panel seaming is simplified
6. Expansion Clips: allows for thermal expansion and contraction
7. Continuous Rollformed Lengths: eliminates need for panel lap joints

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

INTER-LOCK IL20



INTER-LOCK IL20 is a structural panel which is snapped together during installation. The product is an integral interlocking system by design meaning the panels install in one direction from a given starting point. An IL20DM (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

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

ADVANTAGES

1. UL-90 Classified Assemblies: high wind uplift loading capacities
2. ASTM Air and Water Infiltration and Structural Tested.
3. Optional Factory Applied Non-Curing Sealant: for superior watertightness
4. Engineered Snap-Together Design for easy installation
5. Symmetrical Visual Aesthetics: providing a non-directional appearance
6. Expansion Clips: allows for unlimited thermal expansion and contraction
7. Continuous Interlocking Seam: no seam disengagement
8. Anti-Siphoning Seam Design: prevents water infiltration
9. Continuous Rollformed Lengths: eliminates need for panel lap joints.



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

DOUBLE-LOCK DL15



DOUBLE-LOCK DL15 is a structural panel which is mechanically seamed during installation. The product is an integral interlocking system by design meaning the panels install in one direction from a given starting point. A DL15DM (double male*) starter panel is available (for a minimal set-up fee) and may be installed in the middle of a roof area to achieve a symmetrical layout. DOUBLE-LOCK utilizes the traditional SMACNA standing seam "double-lock" plate. Optional panel joint designs provide a wide range of overall building aesthetics. DOUBLE-LOCK is a very flexible panel design which works well with a wide range of building designs.

ROOF ASSEMBLIES

DOUBLE-LOCK DL15 can be applied over various roof assemblies including: open framing, rigid insulation (utilizing a bearing plate under each panel clip spaced 30" 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 low to high slope roofing, vertical fascia, equipment screens, mansards, and wall panels. This system may also be installed on tapered and curved roof areas.

PRODUCT OFFERINGS

24 ga. Steel, and .032 Aluminum

DL1512 with 12" o.c. seams

DL1517 with 17" o.c. seams

DL1520 with 20" o.c. seams

16, 20 oz. Copper

DL1514 with 14" o.c. seams

DL1520 with 20" o.c. seams

ADVANTAGES

1. UL-90 classified assemblies: high wind uplift loading capacities
2. ASTM Air, Water Infiltration and Structural Tested: proven air and water tightness
3. Optional Factory Applied Non-Curing Sealant: superior watertightness
4. SMACNA Seam Design: a traditional and historical aesthetic appearance
5. Mechanically Seamed: may be installed on low slope applications
6. Expansion Clips: allows for thermal expansion and contraction
7. Continuous Rollformed Lengths: eliminates need for panel lap joints.



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

For technical assistance call 800.828.1510 or visit our website at www.dmimetals.com

NON-STRUCTURAL PANELS

SPAN-ON-SEAM SS10 & SS15



SNAP-ON-SEAM SS10 is a non-structural engineered snap-together panel system. The system is designed with two components: the panel pan and the seam cover. SNAP-ON-SEAM is a non-directional panel system allowing installers more control during installation over seam layout and symmetry of the panel area. SNAP-ON-SEAM is the easiest panel system to install over difficult roof plans.

ROOF ASSEMBLIES

SNAP-ON-SEAM requires a solid substrate since it is a non-structural panel system. This system may be installed over plywood sheathing, nail base insulation, or corrugated metal deck. 5/8 in. thick, min. plywood sheathing is required for use in UL90 constructions.

PRODUCT USES AND APPLICATIONS

Product uses include roofing with roof slopes as low as 3:12, vertical fascia, mansards and equipment screens. This system may be installed on curved or tapered roof areas.

PRODUCT OFFERINGS

24 ga. Steel and .032 Aluminum
 SS1012 with 11-5/8" o.c. seams
 SS1018 with 18" o.c. seams
 SS1512 with 12" o.c. seams
 SS1516 with 16" o.c. seams
 SS1518 with 18" o.c. seams
 16 oz. and 20 oz. Copper
 SS1014 with 13 5/8" o.c. seams

ADVANTAGES

1. UL-90 classified assemblies: high wind uplift loading capacities
2. ASTM Air and Water Infiltration Tested: proven air and water tightness

3. Optional Factory Applied Non-Curing Sealant: superior watertightness
4. Engineered Snap-Together Design: easy installation
5. Expansion Clips: allows for unlimited thermal expansion and contraction
6. Continuous Interlocking Seam: no seam disengagement
7. Anti-Siphoning Seam Design: prevents water infiltration
8. Continuous Rollformed Lengths: eliminates need for panel lap joints



BATTEN-SEAM BS15



BATTEN-SEAM BS15 is an advanced design non-structural snap-on-batten system. The system is designed with two components: the panel pan and the batten cap. BATTEN-SEAM BS15 is a non-directional panel system allowing installers more control during installation over batten layout and symmetry of the panel area.

ROOF ASSEMBLIES

BATTEN-SEAM requires a solid substrate since it is a non-structural panel system. This system may be installed over plywood sheathing, nail base insulation, or corrugated metal deck.

PRODUCT USES AND APPLICATIONS

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

PRODUCT OFFERINGS

24 ga. Steel and .032 Aluminum
 BS1512 with 12" o.c. seams
 BS1515 with 15" o.c. seams
 BS1518 with 18" o.c. seams

ADVANTAGES

1. Continuous Interlocking Batten: high batten hold-down strength
2. High Vertical Panel Leg: allows system to be used on lower sloped roof areas
3. Expansion Clips: allows for unlimited thermal expansion and contraction

4. Square Batten Design: an aesthetic design alternate to the SNAP-ON-SEAM
 5. Anti-Siphoning Seam Design: prevents water infiltration
 6. Continuous Rollformed Lengths: eliminates need for panel lap joints
- Note: Watertightness Warranties are not available for this panel system.*



NAIL-STRIP NS10 & NS15



NAIL-STRIP NS10 & NS15 is a non-structural panel which is snapped together during installation. The product is an integral interlocking system by design meaning the panels install in one direction from a given starting point. NAIL-STRIP is a very flexible panel design which works well with a wide range of building designs. Clips are not required.

ROOF ASSEMBLIES

NAIL-STRIP NS10 & NS15 is designed for application over solid substrates, plywood or metal decking roof assemblies. Utilizing a fastener every 20" o.c., min.

PRODUCT USES AND APPLICATIONS

Product uses include min 4:12 sloped roofing, vertical fascia, equipment screens, mansards, and wall panels.

PRODUCT OFFERINGS

24 ga. Steel and .032 Aluminum
 NS1012 with 11-5/8" o.c. seams
 NS1018 with 18" o.c. seams
 NS1511 with 10-5/8" o.c. seams
 NS1518 with 18" o.c. seams
 26 ga. Steel
 NS1016 with 16" o.c. seams
 NS1516 with 16" o.c. seams

ADVANTAGES

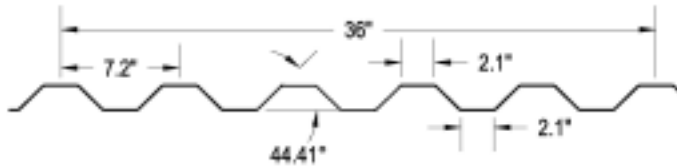
1. Engineered Snap-Together Design: easy installation

2. Symmetrical Visual Aesthetics: providing a non-directional appearance
3. Continuous Interlocking Seam: no seam disengagement
4. Anti-Siphoning Seam Design: prevents water infiltration
5. Continuous Rollformed Lengths: eliminates need for panel lap joints
6. No clips required.

Note: Watertightness Warranties are not available for this panel system.



7.2-PANEL WP72



7.2 PANEL WP72 is an exposed fastener panel utilized for wall and roof applications. It has a 1-1/2" rib height at 7.2" o.c. and 36" of panel coverage with a purlin bearing leg.

ROOF ASSEMBLIES

7.2 PANEL WP72 can be applied over various wall and roof assemblies including: open framing and solid substrates.

PRODUCT USES AND APPLICATIONS

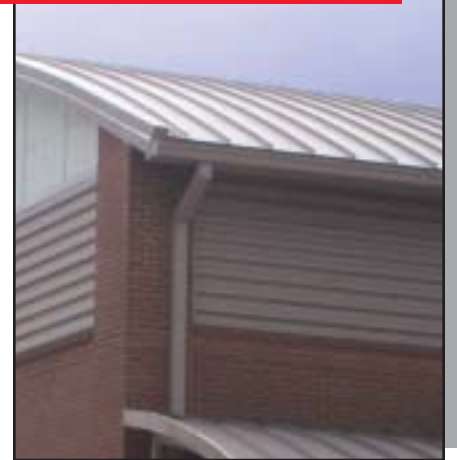
Product uses include vertical wall panels, equipment screens, mansards and roofing with roof slopes as low as 3:12.

STANDARD PRODUCT OFFERINGS

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

OPTIONAL PRODUCT OFFERINGS

20 ga. and 18 ga. Steel



LOAD TABLE – UNIFORM SPANS (PSF)

Panel Gage	Span	Span (Feet)					
		4.00	5.00	6.00	7.00	8.00	9.00
24 (50 ksi)	3	70.00	60.00	50.00	40.00	30.00	20.00
22 (50 ksi)	3	120.00	100.00	80.00	55.00	40.00	30.00
24 (50 ksi)	2	70.00	60.00	50.00	40.00	30.00	25.00
22 (50 ksi)	2	110.00	90.00	70.00	50.00	40.00	30.00

Table for live load, no wind increase included. Deflection limit = L/240. Analysis per AISI 2001 manual.

R-PANEL WPRP



R PANEL WPRP is an exposed fastener panel utilized for wall and roof applications. It has a 1-1/2" rib height at 12" o.c. and 36" of panel coverage with a purlin bearing leg.

ROOF ASSEMBLIES

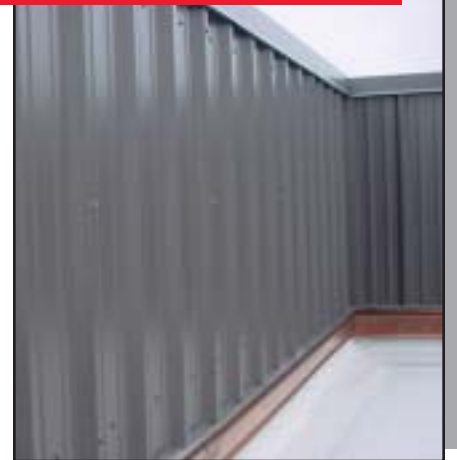
R PANEL WPRP can be applied over various wall and roof assemblies including: open framing and solid substrates.

PRODUCT USES AND APPLICATIONS

Product uses include vertical wall panels, equipment screens, mansards and roofing with roof slopes as low as 3:12.

STANDARD PRODUCT OFFERINGS

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



LOAD TABLE – UNIFORM SPANS (PSF)

Panel Gage	Span	Span (Feet)				
		3.00	4.00	5.00	6.00	7.00
24 (50 ksi)	3	150.00	85.00	55.00	35.00	20.00
26 (80 ksi)	3	140.00	75.00	45.00	25.00	15.00
24 (50 ksi)	2	120.00	70.00	40.00	30.00	20.00
26 (80 ksi)	2	110.00	60.00	40.00	30.00	20.00

Table for live load, no wind increase included. Deflection limit = L/240. Analysis per AISI 2001 manual. Load values s.d.o. not address web cribbing requirements.

ADDITIONAL WALL AND SOFFIT PANELS

FLUSH-PANEL FP10



FLUSH-PANEL FP10 is a light structural panel system that provides a flush, aesthetic appearance upon installation. The product is an integral interlocking system by design meaning the panels install in one direction from a given starting point.

CONSTRUCTION ASSEMBLIES

FLUSH-PANEL FP10 may be applied over various supports including: light gauge framing, hat channels, wood stringers (each of which are to be spaced no more than 24" o.c.), or over a solid substrate.

PRODUCT USES AND APPLICATIONS

Product uses include vertical walls and fascia bands, equipment screens, and soffit.

PRODUCT OFFERINGS

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

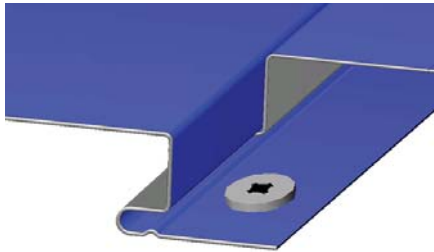
FP1008 with 8" o.c. seams

FP1012 with 12" o.c. seams

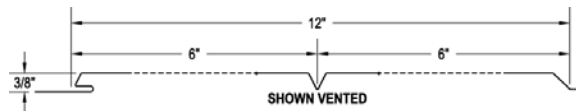
FP1020 with 20" o.c. seams

ADVANTAGES

1. No Panel Clips: fast and easy installation.
2. Flush Seam Design: simplifies flashing and trim fabrication and installation.
3. 7.5% Venting with perforations (.032 and .040 aluminum only).



VENTED-SOFFIT VS05



VENTED-SOFFIT VS-05 is a commercial grade soffit panel system that provides a sturdy complement to any roof system. The product is an integral interlocking system by design meaning the panels install in one direction from a given starting point.

CONSTRUCTION ASSEMBLIES

VENTED-SOFFIT VS05 may be applied over various supports including: light gauge framing, hat channels, wood stringers (each of which are to be spaced no more than 24" o.c.), or over a solid substrate.

PRODUCT USES AND APPLICATIONS

Product uses include vertical walls and fascia bands, equipment screens, and soffit.

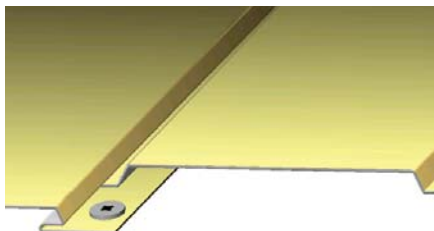
PRODUCT OFFERINGS

24 ga. Steel and .032 Aluminum

VS0512 with 12" o.c. seams

ADVANTAGES

1. No Panel Clips: fast and easy installation.
2. 7.5% free air permeation: ventilation of soffit areas (.032 aluminum only).



CUSTOM ROOF PANELS AND CONTINUOUS GUTTER

TAPERED-SEAM TS



TAPERED-SEAM TS

- Custom fabricated to accommodate actual field conditions.
- Available in the following DMI profiles:
 - Span-Lock (SL25 & SL20)
 - Inter-Lock (IL20)
 - Double-Lock (DL15)
 - Snap-On-Seam (SS10 & SS15)
 - Batten-Seam (BS15)
- See system descriptions for acceptable substrates.
- Consult DMI for technical assistance before finalizing your project's design requirements.

COMPOUND-CURVE CC



COMPOUND-CURVE CC

- Custom fabricated to accommodate actual field conditions.
- Available in the following DMI profiles:
 - Snap-On-Seam (SS10 with straight legs)
- Available in 24 ga. Steel, .032 Aluminum, 16 oz and 20 oz Copper.
- CC installs on outside corners of compound curve canopies or spherical domes.
- Curves may be concave or convex.
- Consult DMI for technical assistance before finalizing your project's design requirements.

CURVED-RADIUS CR



CURVED-RADIUS CR

- Custom fabricated to accommodate actual field conditions.
- Available in the following DMI profiles:
 - Span-Lock (SL20)
 - Double-Lock (DL15)
 - Snap-On-Seam (SS10)
- Available in 24 ga. and 22 ga. Steel, .032 Aluminum, 16 oz and 20 oz Copper.
- CR installs on curved roofs, barrel vaults, and curved canopies / soffits.
- Curves may be concave (SS10 only) or convex.
- Consult DMI for technical assistance before finalizing your project's design requirements.

CONTINUOUS-GUTTER CG70, CG75, CG80

CONTINUOUS GUTTER CG70, CG75, AND CG80

These are rollformed gutters that can be produced up to 52' lengths. This will enable you to eliminate leaks while lowering installation costs. Continuous Gutter straps and other matching accessories are available.

PRODUCT OFFERINGS

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

CG70 at 7" wide

CG75 at 7.5" wide

CG80 at 8" wide

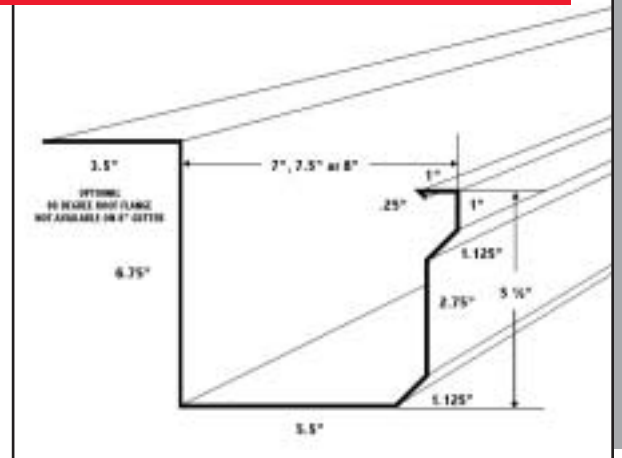
OPTIONAL PRODUCT OFFERINGS

20 ga. Steel

CG70 at 7" wide

CG75 at 7.5" wide

CG80 at 8" wide



SHOWN WITH GUTTER STRAP



About Dimensional Metals, Inc.



Dimensional Metals, Inc. has specialized in the manufacturing of Architectural Metal Panel Systems and Fabricated Architectural Sheet Metal for the construction industry for over 20 years. We use the most technologically advanced Fixed Base Roll-Forming Equipment and CNC operated machinery to deliver complete in-house quality control over the manufacture of our products.

Wide choice of Finishes

Kynar and Hylar Fluoropolymer Finishes
DYNACLAD prefinished Coil and Flatsheets
30 Standard Paint Colors
All Colors meet "Cool Color" criteria
Custom Colors on Request
Not all colors stocked in all substrates
20 Year Paint Finish Warranties

Wide choice of Materials

Galvalume
Galvanized Steel
Aluminum
Copper
Anodized Aluminum

Please contact our Engineering Department today for technical assistance and samples.

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