

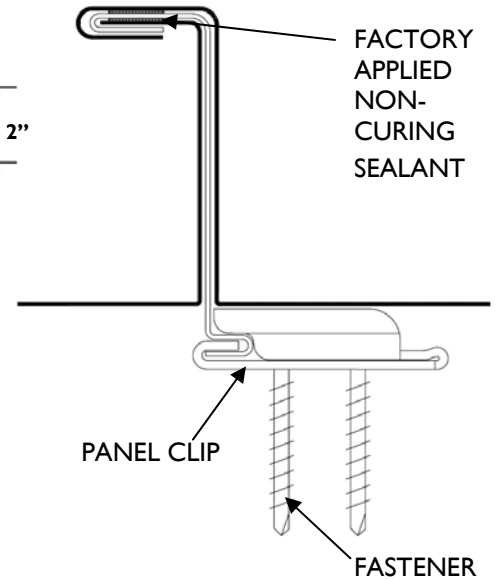


CURVED-RADIUS SPAN-LOCK CR-SL20

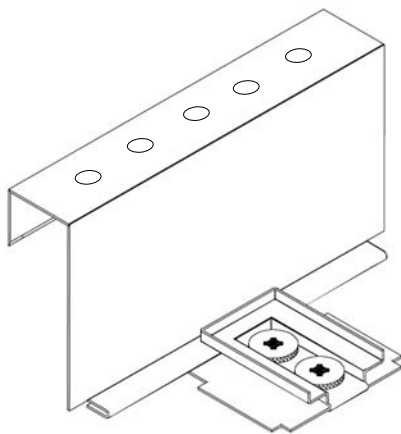


www.dmimetals.com

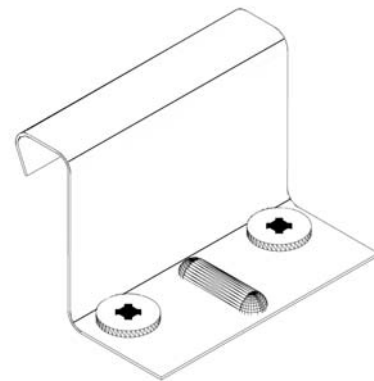
CR-SL20 PANEL PROFILE:



SEAM CROSS SECTION



SL20 EXPANISON CLIP



SL20 FIXED CLIP

CURVED-RADIUS SPAN-LOCK CR-SL20 (continued)

STANDARD PRODUCT OFFERING

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

MODEL NO.	SEAM ON-CENTER
CR-SL2018	18"
CR-SL2016	16"

16 oz. and 20 oz. Copper:

MODEL NO.	SEAM ON-CENTER
CR-SL2018	18"
CR-SL2012	12"

OPTIONAL PRODUCT OFFERING

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

MODEL NO.	SEAM ON-CENTER
CR-SL2012	12"

Custom panel widths are available. Consult DMI for associated costs and lead times.

PRODUCT: CURVED-RADIUS 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 CR-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. CURVED-RADIUS SPAN-LOCK is easy to install on a variety of roof plan designs.

NOTE: Continuous lengths up to 90'-0" is standard. Lengths over 53' require additional crating fees and special hauling permits. Contact DMI for details.

22 ga. steel, and .032 aluminum are not stocked in all colors. Minimum order quantities and extended lead times may accompany panel orders when utilizing these substrates

Oil-canning, the slight waviness inherent with light gauge metal, does not affect the finish or structural integrity of the panel and is therefore not cause for rejection.

CURVED-RADIUS SPAN-LOCK (CR-SL20) products are smooth standard.

Double Male panels are not recommended with metallic finishes due to the paint finish being directional and may cause color variation or shading.

ROOF ASSEMBLIES: CURVED SPAN-LOCK CR-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. corrugated steel deck, and various solid substrates including plywood sheathing, nail base insulation, or steel deck.

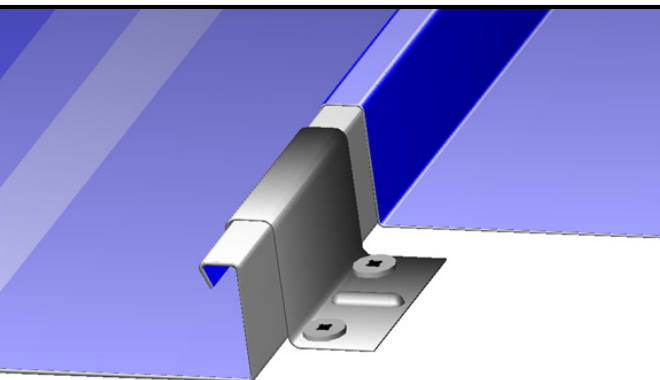
PRODUCT USES AND APPLICATIONS: Product uses include low to high slope roofing, equipment screens, mansards, and wall panels.

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 (in conjunction with the factory applied non-curing sealant)
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

RADIUS GUIDELINES:

GAGE / MATERIAL	MINIMUM CONVEX RADIUS	MINIMUM LAYOVER RADIUS
STEEL	20'	300'
ALUMINUM	20'	220'
COPPER	20'	200'



DIMENSIONAL METALS, INC.

DMI has specialized in the manufacturing of Architectural Metal Panel Systems and Fabricated Architectural Sheet Metal for the construction industry for over 17 years. We use the most technologically advanced Fixed Base Roll-Forming Equipment with in house quality control so that we can offer the highest product quality available.

Please contact our Engineering Department today for technical assistance.

Headquarters

58 Klema Drive North
Reynoldsburg, OH 43068
Tel: 800-828-1510
Fax: 740-927-3319

North Carolina

Tel: 800-919-1510

Web: www.dmimetals.com

E-mail: sales@dmimetals.com

