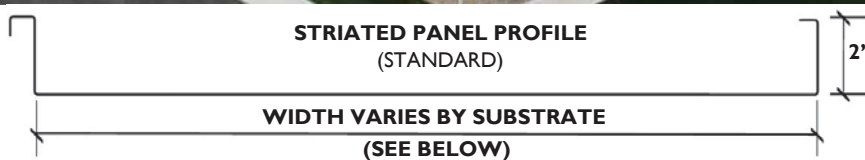


## CURVED DOUBLE-LOCK CR-DL20



**DOUBLE-LOCK** is a structural panel which is mechanically seamed 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 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. Two different clips are available: Low Floating and Fixed.

#### ROOF ASSEMBLIES

DOUBLE-LOCK DL20 can be applied over various roof substrates including: open framing, rigid insulation (utilizing a bearing plate under each panel clip spaced 48" o.c., max.) over 22 ga. steel deck, and various solid substrates including plywood sheathing and nail base insulation.

#### PRODUCT USES AND APPLICATIONS

Product uses include barrel vaults, curved canopies, low to high slope roofing and mansards.

#### PRODUCT OFFERINGS

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

- DL2012 with 12" o.c. seams
- DL2016 with 16" o.c. seams
- DL2018 with 17.65" o.c. seams
- 16, 20 oz. Copper

- DL2012 with 12" o.c. seams
- DL2018 with 17.65" o.c. seams

24 ga (.7mm) and 22 ga (.8mm) RHEINZINK®

- DL2014 with 14" o.c. seams

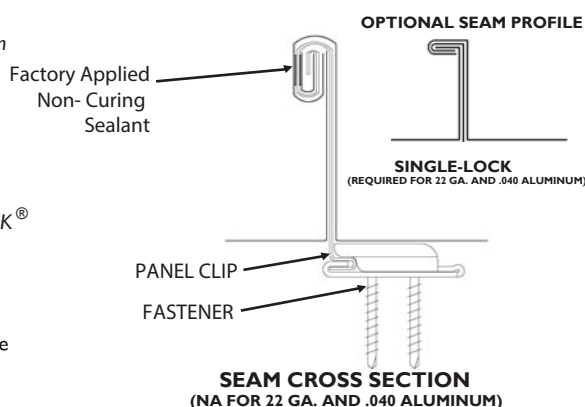
#### PERFORMANCE TESTED

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

#### DOUBLE-LOCK ADVANTAGES

- Factory Applied Non-Curing Sealant: superior watertightness
- SMACNA Seam Design: a traditional and historical aesthetic appearance
- Mechanically Seamed: may be installed on low slope applications down to 1/2:12 slope
- Expansion Clips: allows for thermal expansion and contraction
- Continuous Rollformed Lengths: eliminates need for panel lap joints
- Total System Warranties Available: For total confidence

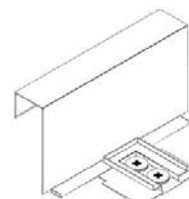
\*Note: Metallic paint finishes are "directional" and are not recommended for "double male" panels.



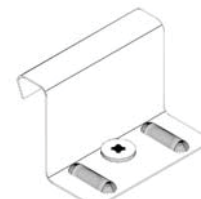
#### CR-DL20 RADIUS GUIDELINES

Material	Minimum Convex Radius	Minimum Layover Radius
24 ga. Steel	20'	300'
22 ga. Steel	20'	300'
.032 Aluminum	20'	220'
.040 Aluminum	20'	220'
Copper	20'	200'

22 ga. steel panels are to be single-locked.  
Stiffeners only on panels with a radius greater than 27'.

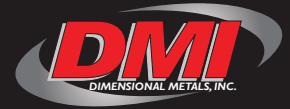


DL20 EXPANSION CLIP



DL20 FIXED CLIP

# CR-DL20 SUBMITTAL



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

## PANEL WIDTH

☐ 12" ☐ 16" ☐ 18" ☐ 14" (RHEINZINK® ONLY) ☐ \_\_\_\_\_

## CLIPS

☐ EXPANSION ☐ FIXED

## PROFILE

☐ SMOOTH (STANDARD) \_\_\_\_\_  
☐ STRIATIONS \_\_\_\_\_  
☐ 2 HIGH BEAD \_\_\_\_\_  
☐ 2 LOW BEAD \_\_\_\_\_

## SEAM

☐ DOUBLE LOCKED  
☐ SINGLE LOCKED

DynaClad® Standard Colors (IN ALPHABETICAL ORDER)	STOCKED AT DMI					
	24 GAGE GALVALUME	22 GAGE GALVALUME	.032 ALUM. 3105 H14	.040 ALUM. 3105 H14	.050 ALUM. 3105 H14	.063 ALUM. 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 ☐ 24 GA. (.7MM) RHEINZINK®  
☐ .040 ALUMINUM ☐ 22 GA. (.8MM) RHEINZINK®

## 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  
☐ PREPATINA BLUE-GREY (RHEINZINK® ONLY)  
☐ PREPATINA GRAPHITE-GREY (RHEINZINK® ONLY)

## 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 \_\_\_\_\_

*\*Warranties not available for Rheinzink®*

*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 since 1988. We use the most technologically advanced Fixed Base Roll-Forming Equipment to deliver complete in-house quality control over the manufacture of our products.