

# TECHNICAL SHEET

# CORRUGATED METAL

# CLADDING



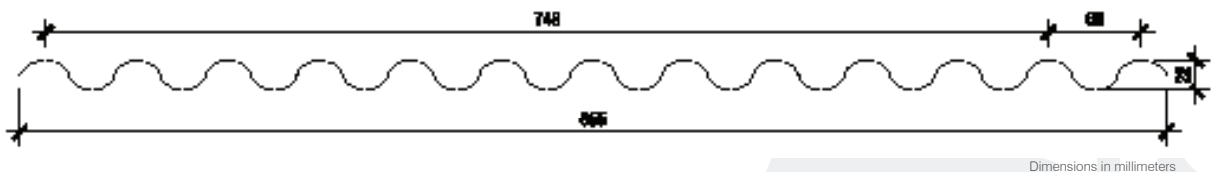
## DESCRIPTION

Metal wall cladding made from a profile with constant, repetitive rounded (wavy) shapes, known as corrugated. This versatile cladding can be matched to any type of construction. This exposed-fastening corrugated can be installed horizontally or vertically.



## PROFILED

□ VA-22-32



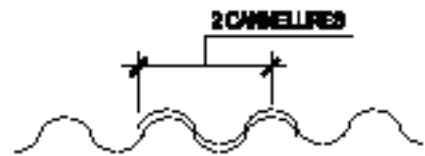
Dimensions in millimeters

## APPLICATION

Each corrugated wall cladding panel can be installed in both horizontal and vertical positions, and is anchored with exposed screws.

These mechanical fasteners, with sealing washers, are pre-painted to match the selected panel. Fastener location and spacing will depend on framing configuration and location-specific requirements (wind loads). In horizontal position, for transverse overlaps, install a transition moulding to link each panel.

In vertical and horizontal positions, for longitudinal joints, overlap the panel with the equivalent of two corrugations. Always overlap panels in the direction of water flow.



Recommended overlap

## MATERIALS

Wall cladding panel in :

- ◆ galvanized, Galvalume® or prepainted steel: 24 or 26 gauge.
- ◆ pre-painted textured steel: 25-gauge (0.556 mm or 0.0219 in.), specially formulated for Vaillancourt.

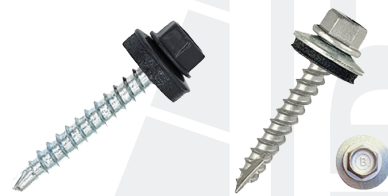
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## FIXATION

- ◆ Design with visible fasteners.
- ◆ Pre-painted self-tapping screw with sealing washer, 32 mm (1¼ in.) long, in #10 galvanized steel (4.72 mm or 0.186 in.) with 11 mm (0.435 in.) diameter hex head, recommended by Vaillancourt for this type of application.



## INSTALLATION

Wall cladding must be installed on a stable substrate and securely fastened to the exterior wall structure. Panels can be anchored to plywood (min. 12.7 mm thick), wood or metal furring and «Z» bars.

**Note :** The spacing and sizing of the sub-girts must be validated by a structural engineer according to the physical properties of the panel and its maximum permissible loads.

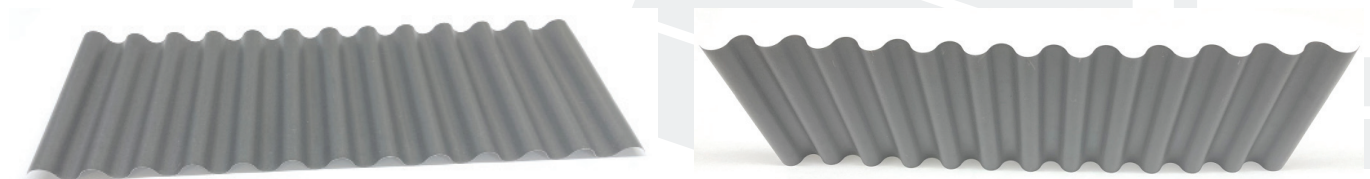
## DIMENSIONS

- Width :** Available in one width only :
- ◆ Total : 855 mm (33 5/8 in.)
  - ◆ Exposed, apparent : 748 mm (29 7/16 in.)
- Length :**
- ◆ Minimum : 225 mm (9 in.)
  - ◆ Maximum : 12,2 m (40 ft.)

## STANDARDS

Galvanized steel : ASTM A525, coating designation Z275 (G90)

Galvalume® steel : ASTM A792 or A792M, coating designation AZM150 (AZ50) or AZ180 (AZ60)



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## COLOR

The cladding is available in the standard Perspectra Plus MD (Arcelor Mittal Dofasco) color chart.

Non-standard colors as well as those in the CoolR Environmentally Smart Colors and Metallic Series are subject to minimum quantities and delivery times.

## WARRANTY

**Installation** : 10 years (when installed by Vaillancourt).

**Materials** : 40 years.

## WARNING

When installed horizontally, corrugations may allow dirt to accumulate, requiring more frequent cleaning.