

WAKEFIELD BRIDGE

1. GENERAL

1.1 Scope

.1 The following standards shall apply to hot dipped Galvalume Plus pre-finished with colors of proven durability and suitable for exterior exposure as delivered from the coil coater PVDF paint system with Kynar 500 resin.

1.2 Samples and Color Match

.1 Submit 100mm x 100m (6" x6") color samples and a full width of the roofing panel in accordance with section 01300, prior to ordering the material.

.2 Color Match

Color match problems can be minimized if the following procedures are followed:

1. Orders for large roofs which could involve more than one production order should be discussed with the supplier one the basic on one lot
2. Attempt to ensure that each section of the roof is clad with material from the same production lot.
3. When a different production lot must be used for one section of the roof, such as could be involved in an addition, attempt to minimize color variation by inserting an elevation change or break in the building structure.

1.3 References

1 ASTM A792/A792-09M-09a – Standard Specification for Sheet Steel, 55% Aluminum-Zinc Alloy-Coated by the Hot Dip Process.

2 CAN/CSA-S136-2007 – North American Specification for the Design of Cold-Formed Steel Structural Members.

1.4 Shipping and Storage

It is important to keep prefinished steel dry in transit, storage and on site. The material is subject to wet storage stain and / or paint deterioration if moisture is allowed to remain between the shingles. Prefinished steel must not be outside. The ideal storage consists of a clean dry warehouse where the steel can be store so it can be used on a first in, first our basis. Material which becomes wet should be used immediately and dried off in the process.

2. PRODUCTS

2.1 Materials

.1 Ideal Roofing profile

1. Wakefield Bridge steel shingles, 29 gage.
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.2 Base Metal

1. The base metal furnished before painting shall conform to the following:

.1 ASTM A792M, Grade 33 (Mill finish Galvalume Plus AZ165).

.3 Colors

1. PVDF paint system with Kynar 500 resin.

3. EXECUTION

3.1 Application

- .1 Install roofing panels as per Ideal Roofing's recommendations.
- .2 Clean steel cladding at completion of work. Remove all debris from adjacent surfaces.

End of Section