

HF SERIES

STANDARD SPECS

1. GENERAL

1.1 Scope

.1 The following standards shall apply to hot dipped galvanized steel pre-finished with colors of proven durability and suitable for exterior exposure as delivered from the coil coater 10,000 Series (Kynar 500) paint systems. Application is limited to moderate exposure. It is not recommended for aggressive exposure.

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 projects 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 building is clad with material from the same production lot.
3. When a different production lot must be used for one elevation, 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 A653/A653M-09a – Standard Specification for Steel Sheet Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by Hot-Dip Process.

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

3 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 laps sheets. 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. Plastic wrapping should be removed immediately upon delivery of the material. Material which becomes wet should be used immediately and dried off in the process.

2. PRODUCTS

2.1 Materials

.1 Ideal Roofing profile

1. HF profile: 24 (or 28) gauge in thickness, 20¹/₄" wide.
- Or...HF profile: 26 gauge in thickness, 16" wide.

.2 Base Metal

1. The base metal furnished before painting shall conform to the following:
 - .1 Zinc coated (galvanized) sheet steel conforming to the requirements of ASTM A653M, Grade 33 (coating designation G 90) or ASTM A792M, Grade 33 (Mill finish Galvalume Plus AZ180).

.3 Colors

1. Series 10,000 (Kynar 500) color (or Galvanized/Galvalume Plus).

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