

Standard Finishes

Canam offers a variety of standard finishes for both joists and deck. Special finishes are also available upon request with sufficient lead time. Contact your local sales representative for more information and pricing.

Joists

Standard finishes for Canam joist products are either unpainted or coated with gray primer. Our standard shop primer conforms to the SJI Specification(s) which state:

The standard shop paint is intended to protect the steel for only a short period of exposure in ordinary atmospheric conditions and shall be considered an impermanent and provisional coating. When specified, the standard shop paint shall conform to one of the following:

- a) Steel Structures Painting Council Specification, SSPC No. 15
- b) Or, shall be a shop paint which meets the minimum performance requirements of the above listed specification.

Note that the shop primer is applied by dipping and cannot be considered an architectural finish. Hence, there are unavoidable drips, runs, and sags associated with this application process.

Canam can also provide joists with special finishes, such as hot-dipped galvanizing, and/or epoxy paint.

Joists are typically supplied uncoated for applications where spray fireproofing is to be applied in the field. However, if your project requires that the joists be shop primed and fireproofed, paint specifications can be provided by Canam to ensure that the paint is compatible with the type of fireproofing material being applied.

Deck

Standard Finishes Commonly Available on Deck Products						
Type	I	II	III	IV	V	VI
Steel ASTM Spec.	A653	A1008	A1008	A653	A653	A1008
Product	Galv. G60, G90	Phos/Ptd	Prime Ptd.	Galv.+Paint	Finish Paint	Uncoated
1 1/2" & 3" Roof Deck	X		X	X	X	
4 1/2", 6", 7 1/2" J, H, LS Roof Deck	X					
1 1/2", 2", 3" Composite Deck	X	X		X		
UFS, UF1X, UFX, UF2X (Form Deck)	X			X	X	X
LF2X, LF3X (Form Deck)	X	X				
HPD (Heavy Plank Deck Form)	X					
Cellular Deck	X			X		

This table represents normal inventories. Each finish may be available on any product on special order with sufficient lead time.

- Type I** – Galvanized finish is the most common for steel deck as it provides protection from rusting while accommodating adhesion of spray fireproofing. We recommend galvanized deck for all acoustic deck, cellular deck, and for most exposures. Although G60 and G90 coatings are most common, other coatings can be provided with sufficient lead time.
- Type II** – Phos/Ptd finish means that the floor deck is only painted on the exposed side and the top will be phosphatized black steel, which should be expected to develop tight rust prior to placement of the concrete.
- Type III** – Prime Ptd finish is our standard primer (gray or white) applied over clean bare (cold rolled) steel, which is compatible with many field applied finish paints. The primer should be considered a temporary and provisional coating and should not be considered a “finished coat”. UL compliant primers are available by request when spray fireproofing is of concern.
- Type IV** – Galv+Paint finish is our standard primer (gray or white) applied over galvanized steel, which is compatible with many field applied finish paints. This option may be most economical when a field paint must be applied over galvanized deck due to the adhesion qualities of the galvanizing.
- Type V** – Finish Paint can be applied to the deck either prior to roll forming or post-manufacturing. Note that this is not very common for structural steel deck due to concerns of scratching the finish during installation, but it is used for siding applications. Almost any color is possible, but the order must be of adequate quantity to be economical.
- Type VI** – Uncoated means that there is no coating at all on cold rolled steel. This application, often known as “black” steel should not be specified when prolonged exposure is expected.

Reference page 161 of the Canam United Steel Deck Design Manual and Catalog of Steel Deck Products for further information on finishes for our steel deck products.