

*NIU Construction Standards*

*Division 08 4113 – Aluminum Framed Entrances& Storefronts*

March 2014, Rev 00

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Manufacturers: Special-Lite, Tube-Lite and PITTCO Architectural Metals, Inc. Warranty: Provide a written warranty signed by manufacturer's authorized official, installer and contractor, agreeing to replace, at no cost to the Owner, any doors, frames or factory hardware installation which fail in materials or workmanship, within the warranty period. Failure of materials or workmanship includes: excessive deflection, faulty operation of entrances, deterioration of finish, or construction in excess of normal weathering and defects in hardware installation. The minimum time period of warranty is ten (10) years from acceptance.

Samples:

* Include samples of each aluminum alloy to be used on this project on similar materials not less than 3" x 6". Where normal finish color and texture variations are expected, include two or more samples to show the range of such variations. Include color charts for finish indicating manufacturer's standard colors available for selection.
* Submit samples for each type of glass, 12" x 12" size. Door thickness to be 1-3/4".

Stiles and rails of type 6063-T5 aluminum alloy 1-3/4" minimum thickness tubular extrusions with a minimum .125" wall thickness. Overall stile and rail widths:

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Special-Lite SL-15 Wide Stile: 6 ½" top and intermediate rails, 6" stiles and 10” bottom rail.

PITTCO: 6 ½" top and intermediate rails , 6" stiles and 12” bottom rail. Tube-Lite: 6 ½" top and intermediate rails, 6" stiles and 12” bottom rail.

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Provide reinforcement for all hardware.

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