Iowa State Industries

SHEET ALUMINUM SPECIFICATIONS

January, 1996

(Revised 8/17/04) (Revised 2/28/06) (Revised 10/26/10)

(Revised 9/13/11) (Revised 10/01/14) (Revised 12/16/21)

Aluminum shall meet the requirements of ASTM B-209, and shall be new domestic material, alloy 5052-H38 or 6061-T6. Each aluminum sheet shall be alodized with Alodine 1200, Chromate 5015 or equal. The chemical conversion treatment shall impart a golden discoloration to the aluminum. Only those chemical conversion treatments which have been qualified under U.S. Specification MIL-C-5541B or ASTM B449-67, Class I or II may be employed

Thickness shall be subject to tolerances specified in ASTM B-209. Sheets must be squared. Thickness, length and widths must be minimum as ordered. Oversized is acceptable. Undersized will be returned. Vendor must supply mill certification with each load. All material must meet Iowa DOT and Minnesota DOT specifications before final acceptance. All material must comply with these specifications or it will be returned to the vendor at their expense. Sample material may be required for our inspection before shipments are made. Ship on open, tarped flatbed truck only. Weight per skid or bundle not to exceed 3000 lbs. To be unloaded by forklift. Each skid will also have a minimum of 3 runners. Each runner will be at least 3 ½” x 3 ½” in size and will run the entire length of the skid.

Above specification covers the following items:

**Single stack skids only. No side**

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| #RBALUM0636.5X120  | 36.5”x 120”x .063 | NO MORE THAN 70 SHEETS PER SKID |
| #RBALUM06348X144  | 48” x 144” x .063  | NO MORE THAN 70 SHEETS PER SKID |
| #RBALUM08030X120 | 30” x 120” x .080 | NO MORE THAN 100 SHEETS PER SKID |
| #RBALUM08030.5X120 | 30.5” x 120” x .080  | NO MORE THAN 100 SHEETS PER SKID |
| #RBALUM08036.5X120 | 36.5” x 120” x .080  | NO MORE THAN 70 SHEETS PER SKID |
| #RBALUM08036X144 | 36” x 144” x .080  | NO MORE THAN 70 SHEETS PER SKID |
| #RBALUM08048.5X120 | 48.5” x 120” x .080  | NO MORE THAN 55 SHEETS PER SKID |
| #RBALUM08048X144 | 48” x 144” x .080  | NO MORE THAN 55 SHEETS PER SKID |
| #RBALUM10030.5X120 | 30.5” x 120” x .100  | NO MORE THAN 70 SHEETS PER SKID |
| #RBALUM10036X144 | 36" x 144" x .100  | NO MORE THAN 55 SHEETS PER SKID |
| #RBALUM12536.5X120 | 36.5” x 120” x .125  | NO MORE THAN 45 SHEETS PER SKID |
| #RBALUM12560.5X120 | 60.5” x 120” x .125  | NO MORE THAN 25 SHEETS PER SKID |
| #RBALUM10048X144 | 48” x 144” x .100  | NO MORE THAN 40 SHEETS PER SKID |
| #RBALUM12530X144 | 30” x 144” x .125  | NO MORE THAN 45 SHEETS PER SKID |
| #RBALUM12536X144 | 36” x 144” x .125  | NO MORE THAN 45 SHEETS PER SKID |
| #RBALUM12548X144 | 48” x 144” x .125  | NO MORE THAN 35 SHEETS PER SKID |
| #RBALUM12560X144 | 60” x 144” x .125 | NO MORE THAN 25 SHEETS PER SKID |

IDOT #019-099410 48" x 144" x .063

IDOT #019-099300 36” x 120” x .063

IDOT #019-099350 60" x 120" x .063

IDOT #019-100110 60" x 144" x .063