

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

#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