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ATECO ROBUST INTERNAL FLOATING ROOF – SUMMARY SPECIFICATION

SUMMARY SPECIFICATION

The following summarizes the features of the **ALUMAX ROBUST** roof. Please consult **ATECO** 's **ALUMAX ROBUST** specification for a more detailed presentation of all key elements of the product.

GENERAL

- All metallic components are aluminium or stainless steel
- Seals and gaskets are selected for stored product compatibility and long life.
- The rim channel is designed to accommodate a mechanical shoe seal, minimum thickness 2,5 mm
- Deck sheeting is available in thicknesses up to 0,020" (0,5 mm)
- The I-STRUTS extruded clamping beams are designed to take an applied load more than twice that specified by API.650, Appendix.-H
- All primary structural connections are bolted together, using bolting slots extruded into the INTEGRAL STRUTS , and reinforced with self-aligning tee splices.
- pontoons are 10" diameter, with a maximum length of 30 feet (9 mt). They are pressure tested prior to shipment.
- Heavy duty pontoon end caps are used.
- Pontoon wall thickness can be specified from 0,078" to 0,098".
- Support legs are aluminium, or stainless steel, 1-1/2" diameter and can be adjustable.
- The support legs are not attached to the pontoon end caps.

BASIC MATERIAL SPECIFICATIONS

I- STRUT Extrusions	:	6061-T6
Rim Channel	:	6061-T6
Deck Sheeting	:	3003-H16
Pontoons	:	6063-T6 , End Caps : 5052-H32
Pontoon Saddles	:	6063-T6
Saddle Straps	:	SS304 - Stainless Steel
Support Legs	:	6063-T6 or 300 Series Stainless Steel
Fasteners	:	Aluminium, or 300 Series Stainless Steel

NOTE : All aluminium materials are mill finish unless otherwise specified by the Purchaser. Some alloy substitutions may be considered for stored product compatibility.