

Materials of Construction

Mild Steel Alloys	AS3678-200, 250 & 350, 4140, CS1020, 30 & 40, K1040 & 45, Corten, Lyten
Intermediate Stainless Steels	904L (2RK65), 3CR12, 5CR12, 253MA
Stainless Steel	304, 304L, 316, 316L, 321, 310
Duplex Stainless	SAF2304, SAF2507, SAF2205
Nickel Alloys	Nicrofer 6020hMo (Alloy 625), Inconel 600 & 601, Incolloy 825, 800 & 800H
Wear resistant Alloys	Bisalloy 80 , Bisalloy 320
Rubbers	Grade M Natural Rubber
Polymers	R-alloy T88, Halar, PVC, Glass reinforced plastic, Derakaine
Others	Various Aluminium alloys, Various Copper alloys, Fibreglass

Aireng have used all of these materials in the past and have the utmost confidence in their ability to select the optimum material to meet all industrial applications and requirements.

Applications in which the materials above have been implemented are:

- general air movement
- exhausting corrosive gases
- circulating high temperature air
- eliminating noise breakout
- high impeller tip speeds
- abrasion resistance
- particle conveyance
- anti-sparking
- light-weight
- high performance
- high stress