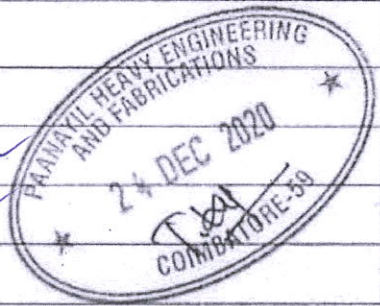


Product	Aluminum Coil / Sheets	
Customer Name:	PAANAYIL HEAVY ENGINEERING AND FABRICATIONS	
Specification	ASTM B 209 M	
Alloy	AA3003 ✓	
Temper	H24 ✓	
Length	5600 MM ✓	
Width	1550 MM ✓	
Thickness	5 MM ✓	
Length Tolerance in mm	<del>+/- 2 MM</del>	+ 4.0 / + 7.0 mm
Thickness Tolerance in mm	<del>+/- 0.055 MM</del>	± 0.10 mm
Width Tolerance in mm	<del>+/- 1 MM</del>	-1 / + 2.0 mm
Surface	MILL FINISH	
Chemical Composition	As per ASTM B209M	
Alloy – AA 3003 - Detailed chemical composition to be given.		
SILICON (Si)	0.6 % Max ✓	
IRON (Fe)	0.7 % Max ✓	
COPPER (Cu)	0.05 - 0.20% Max ✓	
MANGANESE (Mn)	1.0 – 1.5 % Max ✓	
ZINC (Zi)	0.10 % Max ✓	
MAGNESIUM (Mg)	TRACE (NOT TO EXCEED 0.05%) ✓	
CHROMIUM (Cr)	TRACE (NOT TO EXCEED 0.05%) ✓	
TITANIUM (Ti)	TRACE (NOT TO EXCEED 0.05%) ✓	
ALUMINUM	REMAINDER (96.8 – 99%) ✓	
Mechanical properties	As per ASTM B209M ✓	
Tensile strength (Mpa)	MIN – 135 MPa	MAX – 175 MPa
Tensile strength (Mpa) Target to achieve	165 MPa	
Yield Strength	MIN – 110 MPa	MAX - .....
Elongation	6%	
End Use	EXTERNAL WALL CLADDING PANEL	



Important instructions, if any – Magnesium, Chromium & Titanium altogether should not exceed 0.15%, and individually should not exceed 0.05% as per ASTM B209M Table 1

*R.H. G.M.*

For PAANAYIL HEAVY ENGINEERING AND FABRICATIONS,  
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*T. Jay*  
 24/12/20  
 Manager