

# Euramax Specification datasheet

January 2021

## DESCRIPTION OF SPECIFICATION

Euramax 3-layer 70% PVDF & Lum PROTEC precoated 0.8mm Aluminium coils

## STANDARDS

Substrate manufactured to NEN-EN 1396:2015;  
Finishing produced according to ECCA & NEN-EN 13523

## TYPICAL APPLICATION

Roofing and façade cladding in single-skin profiles

## Finish

### Pre-treatment

Chromate & heavy metal free

### Primer

10µm High-build Protec primer 09A5000

### Top Coat

3-layer 70/30 PVDF eco friendly paint system  
approx. 42µm ±3µm

### Reverse side

10µm High-build Protec primer 09A5000

### Fire Classification

- A1 Class material acc. EN13501-1
- Group 1s Class material acc. NZBC clause C3.4
- Group 1 Class material acc. NCC Australia C110 clause 4

Finish quality abides by EN 13523

\*All finishes protected with 60–80µm directional  
transparent foil

## Substrate

### SPECIFICATION

Marine grade 5754 series aluminium alloy  
H42 Temper  
0.78mm mill finish thickness

<b>Elongation <math>A_{50}</math></b>	Min. 7%
<b>Tensile Strength <math>R_m</math></b>	220–270MPa
<b>Yield Strength <math>R_{p0.2}</math></b>	Min. 130MPa
<b>Thermal Expansion Coeff.</b>	0.023mm/m°C
<b>Theoretical weight</b>	2.23kgs/m <sup>2</sup>
<b>Melting point</b>	660.3°C

*\*mechanical properties relate to temper after painting*

Mechanical properties according to EN 1396

Thickness, width, and flatness tolerances according to  
EN 485/4



REQUEST SAMPLES OR FURTHER INFORMATION

t. +64 9 828 1814 / 0800 484 111

euramax@ambrometals.com

14 Timothy Place, Avondale

Auckland 1026, NZ

[www.ambrometals.com](http://www.ambrometals.com)

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