

Euramax Specification datasheet

December 2018

DESCRIPTION OF SPECIFICATION

Euramax 2-layer HDP 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

2-layer HDP Protec
approx. 35µm ±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 3005 series aluminium alloy
H44 Temper
0.78mm mill finish thickness

Elongation A_{50}	Min. 3%
Tensile Strength R_m	165–215MPa
Yield Strength $R_{p0.2}$	Min. 135MPa
Thermal Expansion Coefficient	0.023mm/m°C
Theoretical weight	2.23kgs/m ²

**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

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