



ELVAL ENF™ Specifications

- Solid pre-painted aluminium, in Alloy 5754 (AlMg3), 5xxx series alloys provide higher anticorrosive properties compared to 3xxx series alloys.
- Top side surface coated with PVDF type of paint, thickness approximately 32 µm and reverse side coated with transparent lacquer, thickness approximately 5 µm.
- The top side surface is protected with black & white, UV resistant plastic film, thickness 75 µm, with printed arrows, which show the direction of paint application, to assist correct sheet orientation during final installation.
- Maximum width for sheets or coils is 1,550mm.

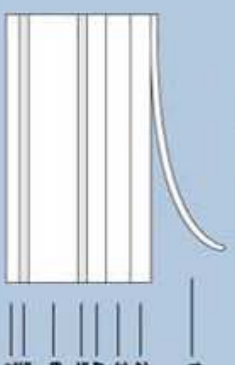
PVDF coatings are highly cross-linked paint systems which cure to an extremely weather resistant, easy to clean surface.

ELVAL ENF™ facades are dirt-repellent and require very little maintenance. Minor dirt, if necessary, can be regularly cleaned, using warm water and neutral, environmentally friendly detergents.

ELVAL ENF™ facades can be easily bent in any shape by the fabricator.

Technical Specifications for Solid Pre-painted Aluminium Sheets

THICKNESS¹	2 mm (solid aluminium)
WIDTH	0.90m to 1.55m (+5/-0mm)
LENGTH	2.0-6.0m (+6/-0mm)
RECYCLABILITY	100%
ALUMINIUM ALLOY	5754 AlMg3 (min. Mg>2.5%)
FIRE RESISTANCE	Non combustible • Non flammable
TENSILE STRENGTH (Rm) N/mm²	> 220
YIELD STRENGTH (Rp0.2), N/mm²	> 140
ELONGATION A₅₀ %	> 9
MODULUS OF ELASTICITY	70000
THERMAL EXPANSION mm/m/100°C	2.4
WEIGHT	5.4 kg/m ²
PAINT DATA	
TOP SIDE THICKNESS OF PAINT	29-32 µm
PAINT SYSTEM (TOP SIDE)	PVDF 283
BACK SIDE	
P.V.D.F. LACQUERING SYSTEM	Clear protection lacquer



1. PE Protection film (optional)
2. PVDF Clear paint (optional)
3. PVDF Paint
4. Primer
5. Chromium phosphate layer
6. Aluminium
7. Protection layer

(1) Other thicknesses can be available upon customer request.

(2) Warranty up to 15 years depending on project location and installation use.

(3) PVDF coatings from well-known global paint suppliers.