



TECHNICAL DATA SHEET

ALUMIQUE® TECHNICAL DATA

BASIC ALLOYS	series 3000 and series 5000 (chemical composition A.A. standard)
PHYSICAL ESTATE	H42/H44/H111 (in accordance with UNI EN 10002 norm)
THICKNESS	from 2.00 to 3.00 mm
WIDTH	up to 1,550 mm
LENGTH	coils or sheets up to 6,000 mm
COATING	PVDF paints
FINISHES	standard (pastel), metallic, iridescent and personalized
COLOURS	main colours of RAL folder and personalized finish on demand
PROTECTIVE FILM	protection in LDPE, UV-resistant, personalized with DMAX logo
FIRE REACTION	low flame spread (RWTUV certification, class A1*)
WORKABILITY	very thick coating resistant to bending and deformation, no cracking at a minimum of 2T
IMPACT RESISTANCE	no cracking at a maximum of 10 Nm
OFF-CUTS RECYCLING	100% recycle
FLATNESS	total “Panel Quality” (continuous stretching), in accordance with the EN 485-4 norm
APPEARANCE	complete evenness of finish and colour

* class A1 is the safest reaction class for building in Europe, in accordance with EN 13501-1 norm.

PAINT FEATURES

TYPE OF PRODUCT	SIDE	TYPE OF RESIN FILM	BASIS WEIGHT	FILM THICKNESS		GLOSS
				Partial	Total	
ALUMIQUE® PVDF metallic - iridium	External	Polyester primer	~ 5 g/m²	~ 4 µm		
		PVDF (Kynar 500 70%) Metallic / Iridium	~ 25 g/m²	~ 20 µm	~ 34 µm	max 35°
		Top (Kynar 500 70%) Clear		~ 10 µm		
	Internal	Back coating Back coating Polyester or epoxy	~ 5 g/m²	~ 4 µm		
ALUMIQUE® PVDF pastel	External	Polyester primer	~ 5 g/m²	~ 4 µm		
		PVDF (Kynar 500 70%) pastel colours	~ 25 g/m²	~ 20 µm	~ 24 µm	max 35°
	Internal	Back coating Back coating Polyester or epoxy	~ 5 g/m²	~ 4 µm		60°