

**Ultra-Thin
Protection.**

**ELYPLAN
FP400**

FIRE REACTION CLASS
B-s1,d0



ELYPLAN®
FIRE-PERF



Brianza Plastica



THE FUTURE OF LAMINATES HAS A NEW STANDARD.

Maximum lightness and fire safety for the production of trucks, mobile homes and advanced logistics solutions.

Elyplan Fire-Perf was developed to meet the most stringent **European and international** standards while addressing the **industrial challenges** of the 21st century, where strong, safe, sustainable and lightweight materials make all the difference.

Brianza Plastica laminates are the ideal solution for the panelling of **electric vehicles, refrigerated trucks and mobile homes** - sectors in which **fire protection** is a key requirement and **weight reduction** has a direct impact on energy efficiency.

Elyplan Fire-Perf laminates are also ideal for **ULD** air cargo transport and **marine applications**, offering extremely reliable, high-performance solutions.



ELECTRIC VEHICLES



MOBILE HOMES



TRUCKS



AIR CARGO UNITS



MARINE SECTOR

The top-of-the-range Elyplan FP 400

Elyplan Fire-Perf 400 is the new ultra-thin, lightweight laminate offering best-in-class fire performance.

- With a **thickness of just 0.8 mm** and fire reaction class of **B-s1,d0**, Elyplan FP 400 represents the perfect balance between **fire protection** and **lightness**.
- **Reaction-to-fire tests** for the Fire-Perf range of laminates were conducted **directly on the laminate**, without any backing.
- Supplied in **black**, the laminate can be painted.

B-s1,d0



Fire reaction class

0.8 mm



Thickness

INNOVATIVE TECHNOLOGY INSPIRED BY NATURE.

Developed through Brianza Plastica's research and 60 years of manufacturing expertise.

Elyplan Fire-Perf 400 is produced using an innovative **bio-based resin derived from vegetable waste**. This technological advancement enhances the product's environmental profile.

The integration of natural raw materials reflects **Brianza Plastica's commitment to sustainability**, offering certified, safe and innovative solutions for a more responsible future.

THE ELYPLAN FIRE-PERF RANGE

Elyplan Fire-Perf is a complete range of fibreglass laminates available in **different thicknesses and performance levels**. These laminates comply with the most important **fire behaviour standards (EN 13501-1, BS 476-7, UN-ECE R118)** and are designed to meet a wide variety of specific application requirements.

EN 13501-1			
CLASS	THICKNESS	BP CODE	VALUE
B	0.8 mm	Elyplan FP400	B-s1,d0
B	2.0 mm	Elyplan FP220	B-s1,d0
C	2.0 mm	Elyplan FP210	C-s2,d0
D	1.5 mm	Elyplan FP230	D-s2,d0

UN-ECE R118		
CLASS	THICKNESS	BP CODE
7, 8	1.2 mm	Elyplan FP300
6, 7, 8	2.0 mm	Elyplan FP100
6	> 1.1 mm	Elyplan FP100
6, 7, 8	2.0 mm	Elyplan FP110

BS 476-7		
CLASS	THICKNESS	BP CODE
1	2.0 mm	Elyplan FP220
2	2.0 mm	Elyplan FP230
3	1.5 mm	Elyplan EG

NB: Tests on our materials are carried out exclusively on the laminates, without any backing.



Brianza Plastica S.p.A.
Via Rivera, 50 - 20841 Carate Brianza - Italy
Ph. +39 0362 91601
sales-flatlaminates@brianzaplastica.it
www.flatlaminates.com - www.brianzaplastica.it/en



ISO 9001:2015
CERTIFIED QUALITY
MANAGEMENT SYSTEM



EN ISO 9001:2015
Certificate nr 106
O.U. Carate Brianza

The features and technical data contained in this catalogue may be subject to changes without prior notice. For updated technical data and product data sheets, always refer directly to the Company. Brianza Plastica also declines any responsibility deriving from incorrect use of the product, as the conditions of use are not under our direct control.