

ELYCOLD[®]

ELYPLAN[®]

Fibreglass reinforced laminates





Produced in
discontinuous

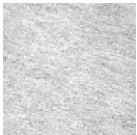
ROLLS AND SHEETS WITH OR WITHOUT GELCOAT PRODUCED BY DISCONTINUOUS LAMINATION.

Elycold is a high-quality fibreglass laminate produced discontinuously with a polymerisation process at ambient temperature that ensures **excellent flatness** and an **extraordinary smooth finish**.

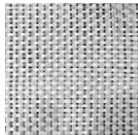
Over the years, this composite material has replaced aluminium in the production of sandwich panels for refrigerated, commercial and recreational vehicles (caravans and motorhomes), providing manufacturers with **excellent long-term properties** and **UV protection**.

- Full coverage of the underlying fibreglass
- Lightness
- High impact resistance
- High resistance to UV rays and chemical agents
- Impermeability to water vapour and condensation

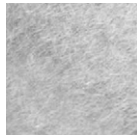
GLASS COMPOSITION



Chopped
strand mat



Woven
roving



Tissue

FINISHING

Outer side finishing

Gelcoat protection | Film protection | Colours

Inner side finishing

Grooved film | Mechanically sanded | Rough | Smooth

PRODUCT DIMENSIONS

ROLLS / SHEETS

THICKNESS: from 1.0 to 3.6 mm

DIMENSION: max. width 3,400 mm
length 60 m



FIGURE LEGEND



NO BAC technology eliminates 99.9% of bacteria within 24 hours, using a permanent, silver-based protection to ensure hygienic surfaces.



Lightness



Impact strength

ELYCOLD[®] STD

Elycold Std laminates polymerise at ambient temperature. This results in perfect flatness, which is an indispensable feature for producing premium-quality panels with exceptional aesthetics.

The excellent dimensional stability of Elycold Std laminates is guaranteed by the use of chopped strand mat fibreglass, which can be combined with woven roving reinforcement to further improve the laminate's mechanical properties.



ELYCOLD[®] LITE

Elycold Lite is the ideal solution for applications requiring a thicker laminate with good rigidity and low specific weight, while retaining all its aesthetic qualities and appeal. The use of specialised resins and microspheres increases thickness without adding weight, thereby reducing the density of the laminate and providing greater stiffness. This contributes directly to the flatness of the panel and helps to conceal any underlying structures.

It is particularly suitable for the production of ultra-light vans and large recreational vehicles.

Elycold Lite is available in sheets and 60 m rolls, in thicknesses starting from 1.6 mm.

ELYCOLD[®] VELO

The **Elycold Velo** range is made with UV-stabilised orthophthalic polyester resin reinforced with fibreglass; available in both rolls and sheets, Elycold Velo GRP laminates are waterproof and easy to clean.

Elycold Velo fibreglass laminates are supplied **without gelcoat** and are available in thicknesses from 0.9 mm to 1.4 mm; they use only mat and tissue reinforcement to provide a better aesthetic finish.

The entire range is well-suited for the interior of recreational vehicles (ceilings and sidewalls) or any application where gelcoat protection is not required.



ELYCOLD[®] EXTRA-GLASS

Available in both rolls and sheets, **Elycold Extra-Glass** features a protective gelcoat and enhanced mechanical performance. This product is the result of close collaboration between the company's chemical and technical departments, aimed at meeting the ever-increasing market demand for high-performance materials.

Elycold Extra-Glass is designed to combine unique characteristics in a single product, blending lightweight performance (achieved through a low specific weight) with exceptional mechanical strength derived from its high percentage of glass content.

Elycold Extra-Glass is ideal for vehicles that require high impact resistance, weight savings and premium aesthetic appeal.



Produced
in continuous

ROLLS AND SHEETS WITH OR WITHOUT GELCOAT PRODUCED BY CONTINUOUS LAMINATION.

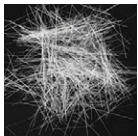
Elyplan is a high-quality GRP laminate produced by **continuous lamination** using state-of-the-art machinery, which ensures the highest possible polymerisation of the composite material. This process yields a **perfectly flat product** with very tight dimensional tolerances, offering excellent quality at a competitive price.

Using the finest raw materials and a gelcoat made from highly elastic isophthalic resins, **Elyplan** ensures **high resistance to yellowing**, as well as **impermeability to water vapour** and **condensation**.

The flexibility of the systems allows customers to choose the exact laminate that fits their needs, whether for temperature-controlled transport, vans, wall restoration, coolers or specialised applications.

- High resistance to yellowing
- Impermeability to water vapour and condensation
- High resistance to corrosive elements
- High mechanical strength

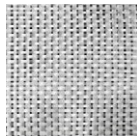
GLASS COMPOSITION



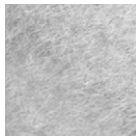
Roving



Chopped
strand mat



Woven
roving



Tissue

FINISHING

Outer side finishing

Gelcoat protection | Film protection | Colours

Inner side finishing

Corona treatment | Mechanically sanded | Smooth

PRODUCT DIMENSIONS

ROLLS / SHEETS

THICKNESS: from 0.8 to 3 mm

DIMENSION: max. width 3,200 mm
length on request

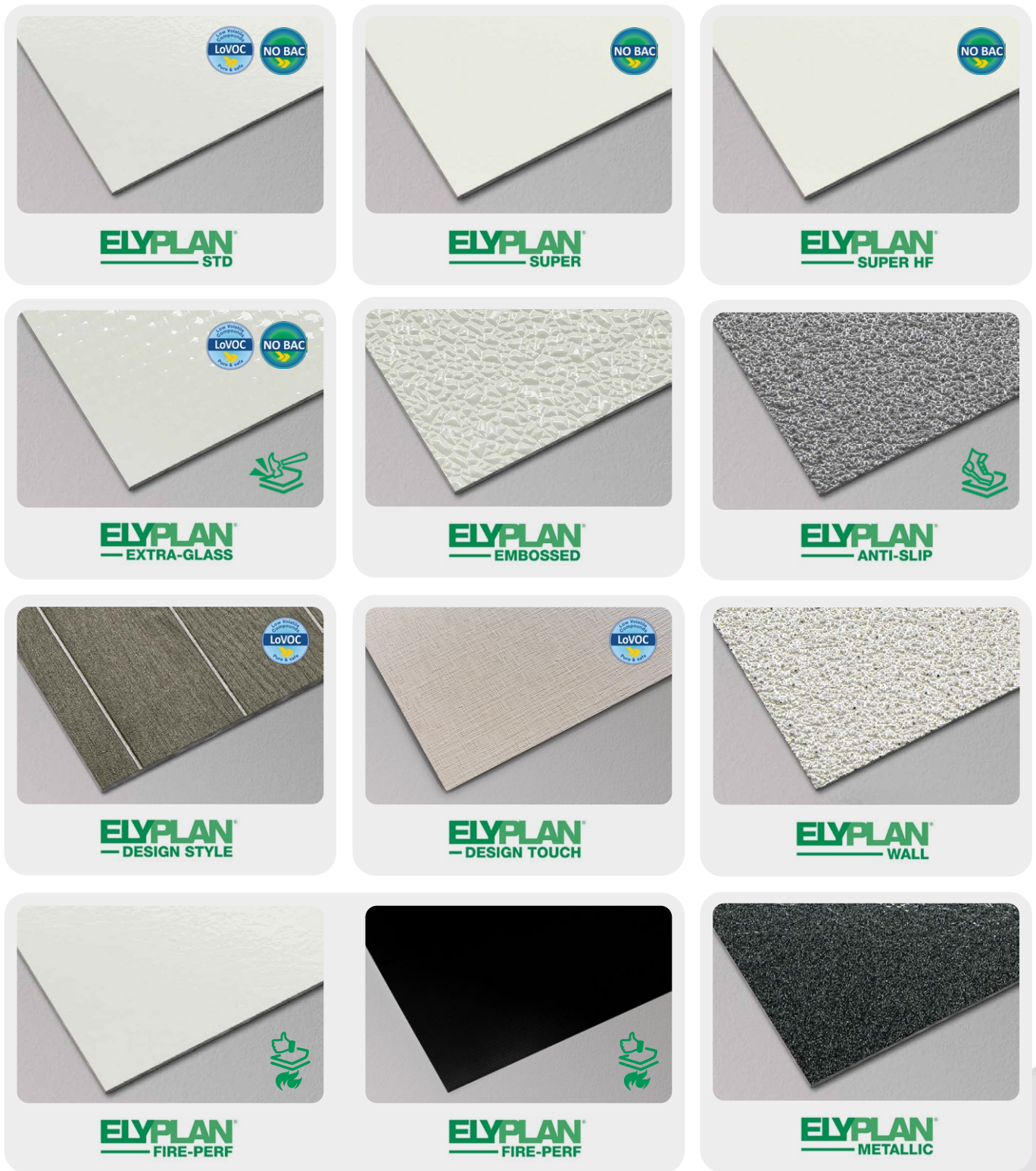


FIGURE LEGEND



NO BAC technology eliminates 99.9% of bacteria within 24 hours, using a permanent, silver-based protection to ensure hygienic surfaces.



LoVOC laminates reduce VOC emissions, ensuring environmental compliance, sustainability and healthier air quality.



Fire performance



Antislip



Impact strength

ELYPLAN[®] STD

Elyplan Std uses roving glass as its primary reinforcement of the composite laminate.

It is generally used for applications where cost efficiency is prioritised over high-end aesthetics. It can be manufactured with or without gelcoat protection, and can include woven roving reinforcement to increase mechanical performance.



ELYPLAN[®] SUPER

Elyplan Super combines mat and roving reinforcements for an improved aesthetic finish.

It offers an excellent balance of high-quality aesthetics and a competitive price. It can be manufactured with or without gelcoat protection, and can be reinforced with woven roving to increase mechanical performance. Elyplan Super is an extremely versatile product, suitable for a wide range of indoor and outdoor applications.

ELYPLAN[®] SUPER HF

Elyplan Super HF offers the finest surface finish in the Elyplan range.

It combines high aesthetic appeal with a highly competitive price compared to similar products made via discontinuous lamination.

It can be manufactured with or without gelcoat protection and with woven roving reinforcement to increase mechanical performance.



ELYPLAN[®] — EXTRA-GLASS

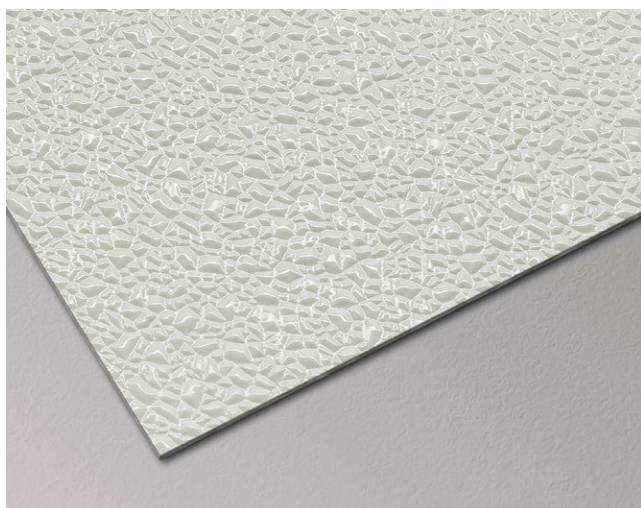
Elyplan Extra-Glass is designed to combine unique properties in a single product, blending lightweight performance (achieved through a low specific weight) with exceptional mechanical strength derived from the high percentage of glass content.

Elyplan Extra-Glass is ideal for vehicles that require high impact resistance, weight savings and premium aesthetic appeal.

Available in rolls and sheets.

Available in FP R118 version.

Available in a 48% version, approved for bus roofs.



ELYPLAN[®] — EMBOSSED

Elyplan Embossed is widely recognised and valued for its distinctive finish. Featuring a unique design that sets it apart from other laminates, it is highly suited to a wide range of applications, including cold rooms, construction and medical environments, where its easy-to-clean, washable surface is particularly appreciated.

Elyplan Embossed is supplied with or without gelcoat and has the same technical characteristics as Elyplan Std. It is also suitable for use in refrigerated vehicles.

ELYPLAN[®] — ANTI-SLIP

The **Elyplan Anti-Slip** range is ideal for vehicle flooring, preventing cargo and loads from slipping.

This product is available in two different finishes:

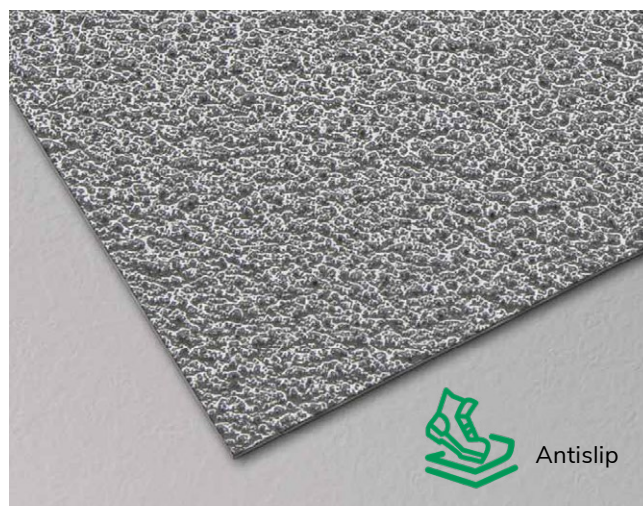
XT (coarse-grained) and **MEDIUM** (medium-grained).

Both versions provide outstanding slip resistance by incorporating a special mineral granulate (certified to R13 class in accordance with DIN 51130:2014-02).

They have also passed the abrasion resistance test (D4060-ISO 9352), ensuring a long service life.

Available in various thicknesses, supplied with or without woven roving on request.

Standard grey colour; other colours available on request.



ELYPLAN® — DESIGN STYLE

Elyplan Design Style is an innovative solution designed to customise floors with a unique design.

It is characterised by the bonding to Elyplan fibreglass laminate of PVC, directly on the product line, and it is available in a wide range of finishes, from parquet wood-effects to solid colours in various shades.



ELYPLAN® — DESIGN TOUCH

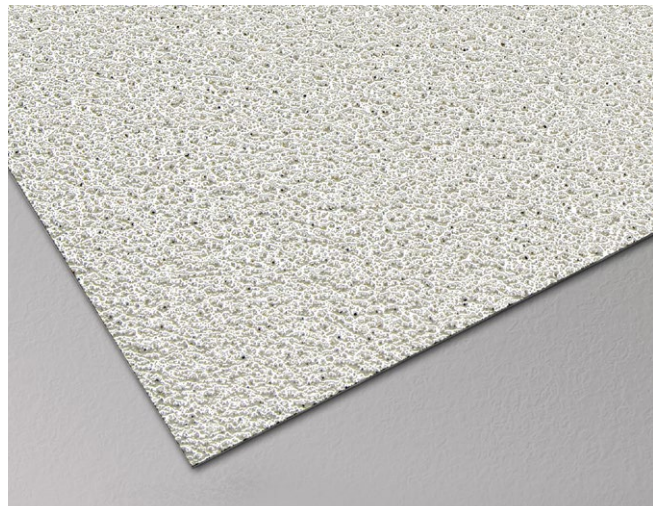
Elyplan Design Touch features a pronounced 3D finish, making it ideal for customising interior surfaces such as walls, ceilings and doors. It offers elegant relief textures, with customised thickness and colours made to order.

ELYPLAN® — WALL

With its high-resistant plaster-effect finish, the **Elyplan Wall** range (supplied in rolls and sheets) is ideal for the external walls of prefabricated houses and boundary walls.

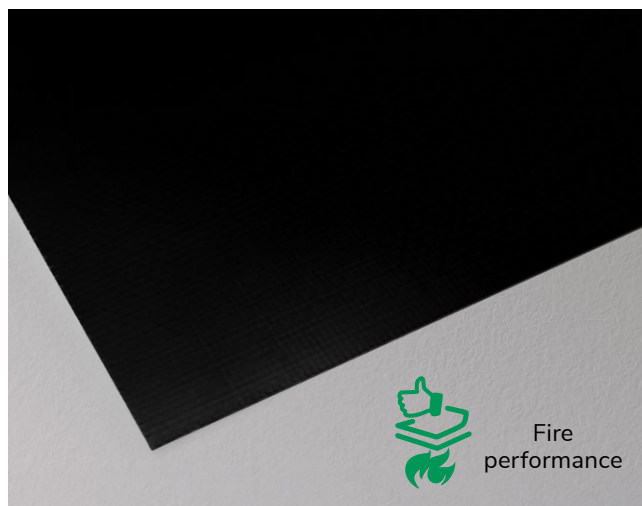
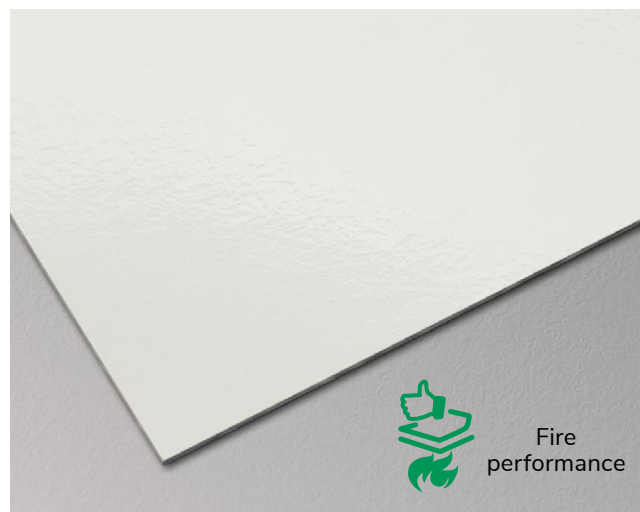
The product combines high mechanical properties with an appealing aesthetic finish.

Elyplan Wall is made using premium resins that offer UV-protection and outstanding weathering performance.



ELYPLAN[®] FIRE-PERF

The comprehensive **Elyplan Fire-Perf** range of fibreglass laminates has been developed to meet specific requirements, complying with various European and international fire safety standards. These products are ideal for the construction industry, electric vehicles, prefabricated buildings, unit load devices, and land and sea transport.



Elyplan FP400 is the thinnest and lightest laminate currently on the market - with a thickness of just 0.8 mm - certified in fire reaction class **B-s1, d0**.

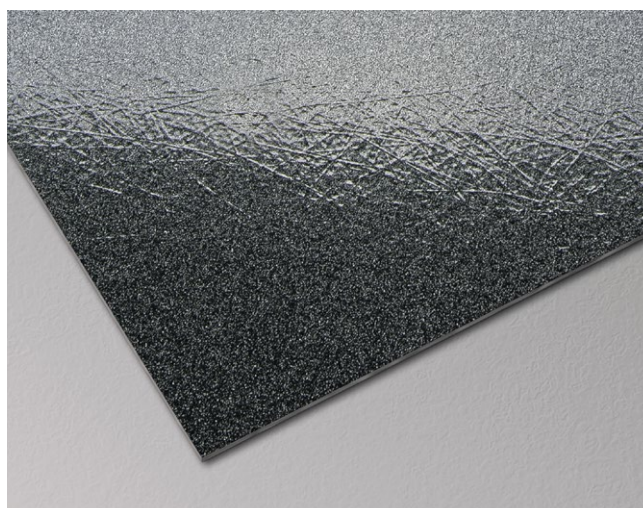
The use of an organic resin derived from natural materials makes this product a safer choice for both the environment and human health.

ELYPLAN[®] METALLIC

Elyplan rolls and sheets in **metallic colours**, produced using a continuous hot-lamination process, are available in the Std, Super or Super HF versions.

READY TO USE: the product ensures excellent aesthetic quality, which means coating or painting can be avoided.

It comes in a wide range of colours, upon evaluation with our sales team. Available in various thicknesses, with optional mat.

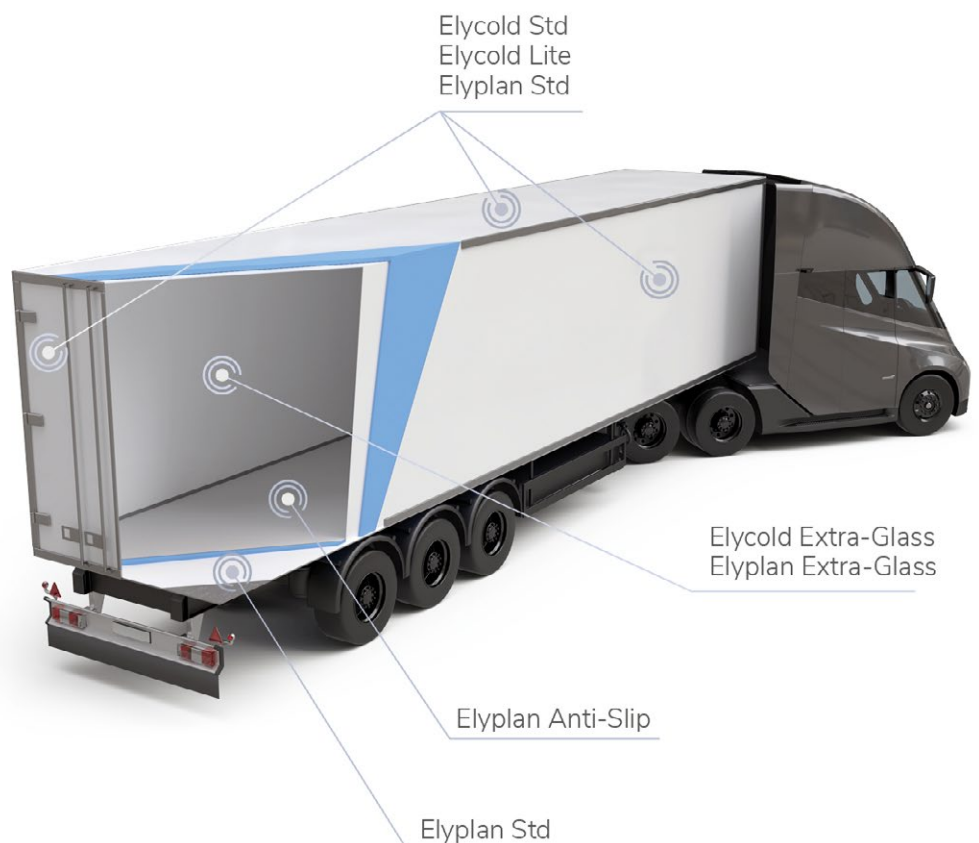


APPLICATION FIELDS

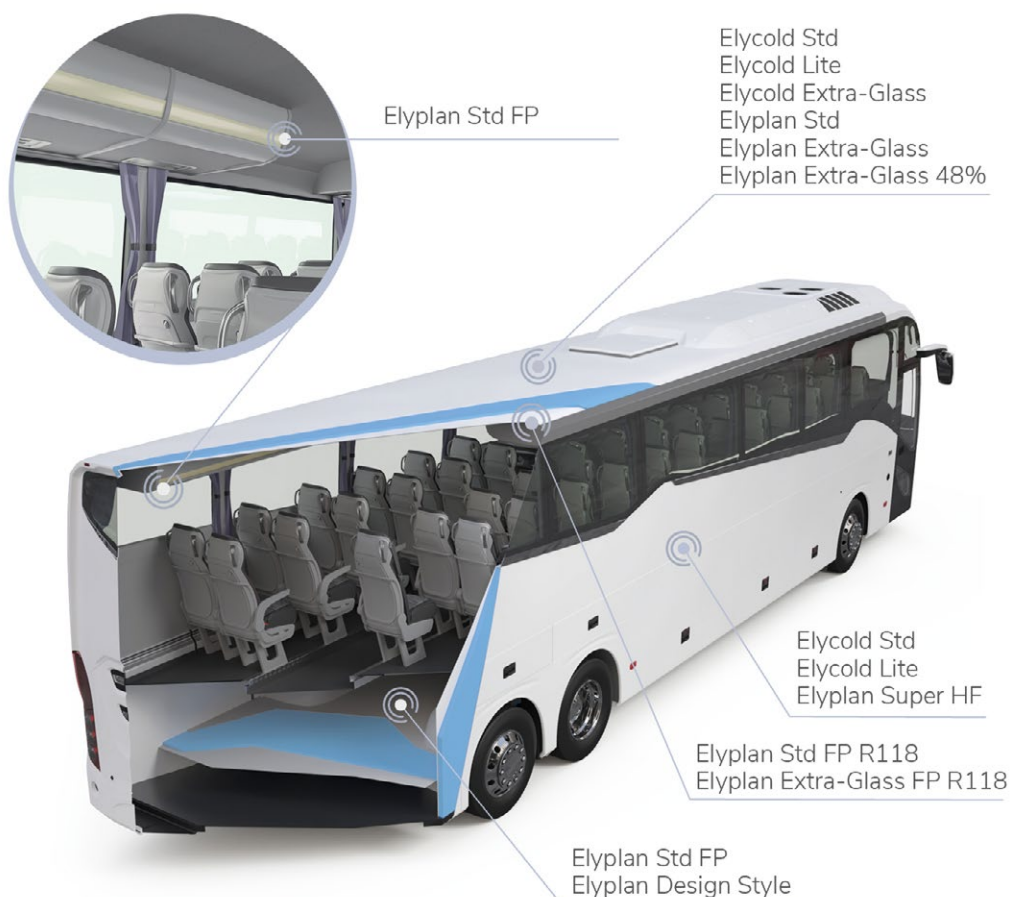
RECREATIONAL VEHICLES



COMMERCIAL VEHICLES



PUBLIC TRANSPORT



ELECTRIC VEHICLES

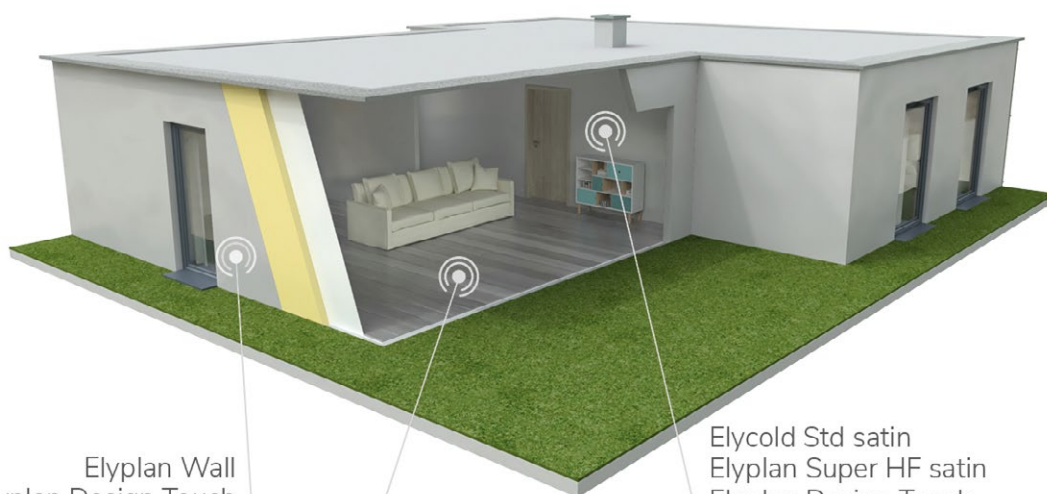


TANK CONTAINER VEHICLES



Elycold Std
Elycold Extra-Glass
Elyplan Std

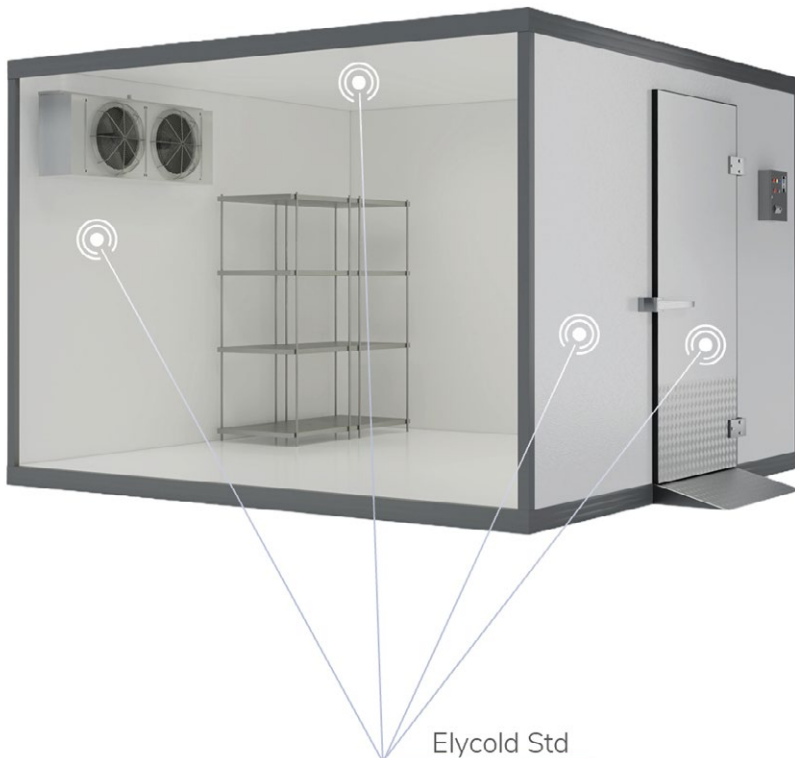
MOBILE HOMES



Elyplan Wall
Elyplan Design Touch

Elyplan Design Style

Elycold Std satin
Elyplan Super HF satin
Elyplan Design Touch



COLD ROOMS & CLEANROOMS



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