OPAQUE AND TRANSPARENT CORRUGATED ROOFING

Elyplast fibreglass sheets are ideal for canopies, small houses and technical constructions, even large ones. They are available in opaque or transparent versions, in various colours and different sizes to better meet the specific requirements

Brianza Plastica

ELYPLAST
Fibreglass laminates

elyplast.brianzaplastica.it

ELYONDA OPAQUE CORRUGATED OR ELYPLAST TRANSPARENT SHEETS

They are corrugated or ribbed opaque sheets made of polyester resin reinforced with fibreglass and loaded with alumina.

The Elyonda sheets are produced using isophthalic, anti-UV gelcoat applied on the surface exposed to atmospheric agents, which gives the laminates a high degree of resistance to abrasion.

The Elyonda sheets are lightweight, resistant and durable.

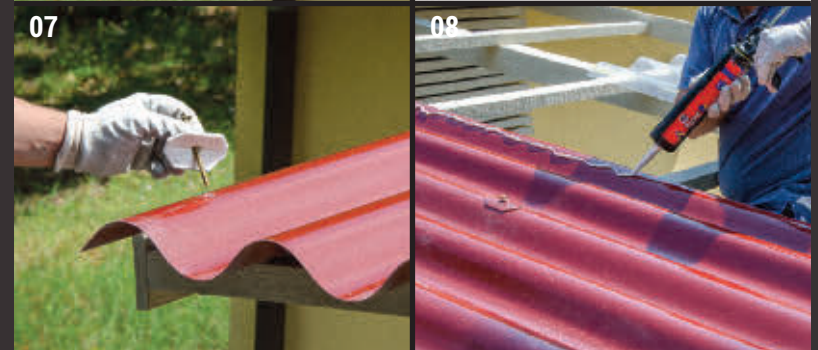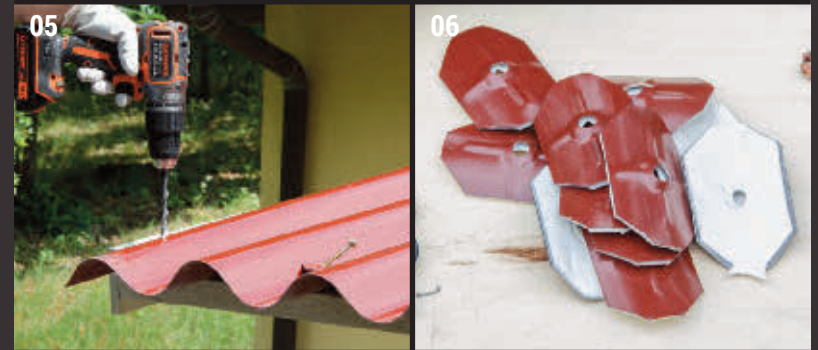Choose the most suitable sheet size depending on the size of the roof to be covered (1).
Use an angle grinder (3) to make any adjustments in length (2) and width.
Start installing the sheets from the bottom, from left or right.
The first row of sheets must protrude about 10 cm (4) from the supporting structure. Use self-tapping screws (on wood) or coach screws (on metal) to fix the sheets; for application, drill holes in the sheet at the top part of the overlapping (or rib), placing the fixing screws on every second wave (5).
The diameter of the hole must be 3 mm larger than the diameter of the screw, in order to allow for any normal expansion.
Insert the fixing screw into the hole with the necessary watertight seal (6-7): with opaque sheets that use caps in the same colour as the sheet, but BAZ gaskets can also be used for the transparent sheets.
In case of side overlapping of half wave, it is recommended to seal with silicone (8).

The Elyonda sheets can meet any requirement of vertical roofing and false ceilings, allowing the widest design freedom when working on both new structures or on partial or complete renovations.

The Elyonda opaque sheets can be alternated with Elyplast translucent sheets to create light points, where necessary.

Available in the colours of brick red light grey, Swiss green, and smoky grey.

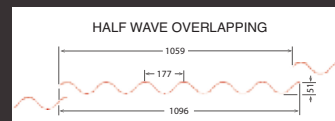**Brick red** **Light grey** **Swiss green** **Smoky grey**

The BAZ gasket (9) can be considered a universal gasket: round and small, it is less visible, therefore more suitable for using on transparent sheets, but its perfect water tightness makes it equally usable on opaque sheets.
Continue with the laying of the sheets by drilling the holes (10) and applying the fixing screws (11), until the first row is completed. Start with the second row from the attachment side of the first row, making sure to overlap by one wave: the sheet that is installed must overlap the previous row. With a roof slope of more than 6°, the overlap is 20 cm (12).

HALF WAVE OR ONE AND A HALF WAVE OVERLAPPING?

HALF WAVE OVERLAPPING

1059
177
1096

ONE AND A HALF WAVE OVERLAPPING

177

The number of sheets needed to cover a row is calculated based on the total width of the roof. The drawings above show the usable width of these sheets, considering the two side overlap options (13-14).

09

10

11

12

13

14

ELYPLAST
SHEETS AND ROLLS
FOR VARIOUS USES

Ideal for canopies, pergolas, verandas, gardening, DIY and for roofing and wall applications.
Many advantages: protection against direct light, very economical in terms of performance, lightness and flexibility, easy handling and installation, resistance to all weather conditions, excellent dimensional stability, resistance to chemical agents.

ELYPLAST CORRUGATED ROLLS FOR CONTINUOUS ROOF COVERINGS

Flat and corrugated rolls (wave 76/18) in fibreglass for roofs, vertical walls, fences, sheds, etc.
In most applications, the different heights and lengths of the rolls allow creating continuous solutions, preventing any side overlaps.

Particularly suitable for vertical installations.
Appropriately framed to allow creating doors, windows and vertical closures, where the unbreakable construction guarantees safety against breakages and accidents.
The laminates are produced with standard resin and come

in various thicknesses.
The minimum weight is 1 Kg/sqm.
Available in different heights from 1 to 2,5 metres (length 40 m) and 3 m (length 30 m).
Available colours are: neutral and translucent green; other colours such as yellow, milky white and blue, on request.