

Product Description

Fatranyl-L is a coated metal, which is reversible zinc coated steel sheet. It is treated with a layer of PVP-P film being stabilised to weathering influences and UV radiation. The back metal plate is treated with a coating varnish.

Usage

Fatranyl-L is identified for:

- Line anchorage and peripheral finishing elements of waterproofing coats on the base of PVP-P films.
- Sheet metal elements of sheet metal lining of roofs, terraces, balcony, ledges, window sills, parapets etc

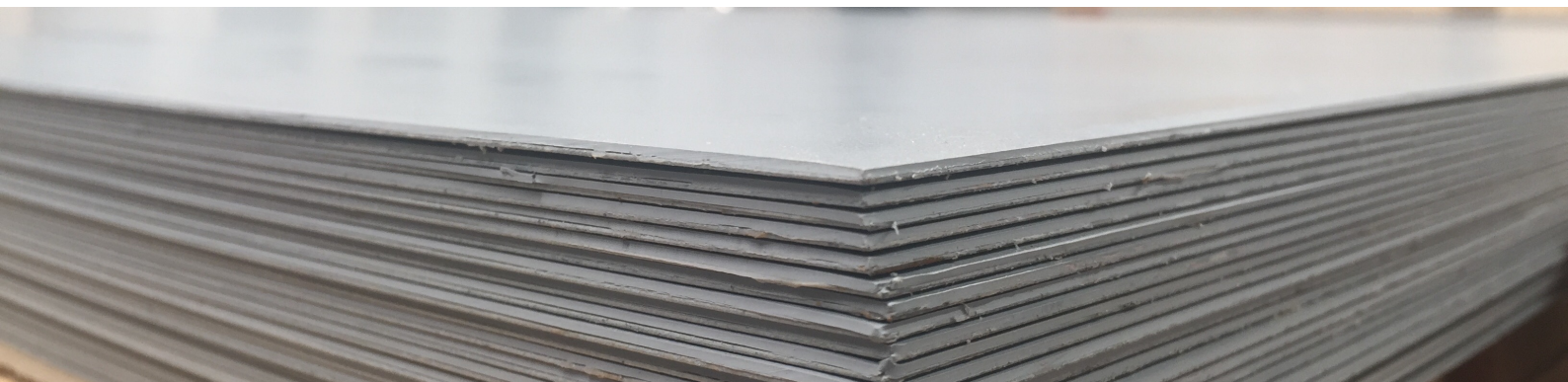
Application

Processing of Fatranyl-L (cutting, bending, moulding etc) is similar such processing of the metal plate itself (non-laminated) but being different due to not being able to laminate them by means of common sheet metal joints (with overlap, overlap with soldering, overlap with inserted sealing, with insert or fillets). Jointing or connecting is possible for a joint with a joint gap or folding followed by overlapping them.

Fatranyl-L coated metals can be welded with hot-air welding apparatus together with all Fatrafol PVC-P based waterproofing systems.

Product Data

Fatranyl-L coated metal sheets fulfil requirements of the standard EN 14783



Thickness of metal plate *)	Thickness of PVC-P layer	Sheet		Coil	
		Width	Length	Width	Length
0.55 mm - 0.80 mm	0.6 mm - 1.2 mm	1000 mm	2000 mm	1000 mm	30 m
		- 0 mm; + 5 mm	- 0 mm; + 6 mm	- 0 mm; + 6 mm	- 0 m; + 0.5 m

Dimensions:

*) Tolerance of nominal metal plate thickness is according to the EN 10143 Standard

- Fatranyl-L is delivered in sheets as a standard (c. of 10.5kg/sheet)
- The coated metal is delivered in coils under marking of Fatranyl-LS (c. 170kg/coil of 30m)
- The moulded profiles, shapes and dimensions are identified within the Constructions and Technology Regulations of the Fatrafol systems

Colour

Fatranyl-L is produced in a basic colour of the upper layer of light grey RAL 7040 and in colour variants of dark grey RAL 7012, green RAL 6000, red RAL 3016, blue RAL 5015, copper brown RAL 8004, white grey RAL 7047, white RAL 9010 and silver grey RAL 7001.

Transport & Storage

The sheets of Fatranyl-L coated metal are laid according to standard on a wooden pallet in an amount of 50 pcs which are fixed with a steel tape and packing PE-film.

The coils are delivered individually in an amount by 4 pcs on a pallet.

It is recommended to protect it from weathering influences till the processing time.

Reaction to fire	EN 13501-1, Classification - Class E
Outer fire behaviour	EN 13501-5, Classification - B _{ROOF} (t3)
Weathering condition resistance	FATRANYL-L is long-time resistant to weathering loading and UV radiation. Resistance to weathering loading of coated metal is certified according to EN ISO 4892-3 Standard.
Hot-air weldability	A compact and homogeneous joint of a good quality can be achieved between the PVC upper layer of coated metal and PVC waterproofing sheet by means of an adequate thickness of PVC layer (0.6 mm at minimum) with a same chemical compound like the PVC waterproofing sheet.
Strength of welded joints	Strength of welded joints is certified according to PN 4588/2014 Company Standard. A joint is exposed to influence of higher temperature and water. Destruction must be reached in all cases except of welded joint.
Cohesion of PVC layer to metal plate	The adhesion between metal plate and PVC layer is evaluated according to PN 4588/2014 Company Standard. Any adhesion failure must not be noted within certifying it, which could lead to PVC layer separation.

Technical Parameters

Safety Instruction

Scrap disposal - Fatranyl-L must be disposed conformable with valid legal regulations

Fatranyl-L can be recycled as a metal waste

Safety at Work Health Protection - It is necessary to keep all safety, hygienic and fire regulations valid in the time of practice with coated metal sheets