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Coated metal sheet FATRANYL PVC

PRODUCT DESCRIPTION

FATRANYL PVC is a coated metal, which is double-faced zinc-coated steel sheet. It is treated with a layer of PVC-P film being stabilized to weathering influences and UV radiation. The back metal plate is treated with a coating varnish.

TECHNICAL PARAMETERS

Reaction to fire	EN 13501-1, Classification - Class E
Weathering condition resistance	FATRANYL PVC 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 ($0.60 \text{ mm} \pm 0.05 \text{ mm}$, $0.80 \text{ mm} \pm 0.05 \text{ mm}$) 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). No adhesion failure must be noted during the evaluation process that would lead to separation of PVC layers.

APPROVALS / CERTIFICATES

- Coated metal sheet FATRANYL PVC fulfils requirements of the Standard EN 14783
- The assessment of performance: reaction to fire, according to the European Construction Products Regulation - CPR

DIMENSIONS

Thickness of metal plate [mm]	Thickness of PVC-P layer [mm]	Sheet		Coil	
		Width [mm]	Length [mm]	Width [mm]	Length [m]
0.55 - 0.80	0.60 ± 0.05	1000	2000	-	-
			3000		
	0.60 ± 0.05	-	-	1000	30
	0.80 ± 0.05	1000	3000	-	-

The tolerance of nominal dimensions is according to the EN 10143 Standard.

- FATRANYL PVC is delivered in sheets as a standard (weight cca 10.5 kg/sheet - PVC-P layer 0.60 mm, metal plate 0.55 mm; weight cca 11 kg/sheet - PVC-P layer 0.80 mm, metal plate 0.55 mm)
- The coated metal is delivered in coils under marking of FATRANYL PVC-S (cca 155 kg / coil of 30 m)
- The moulded profiles - shapes and dimensions are identified within construction and technologic instruction of the FATRAFOL systems.

COLOUR

white ~ RAL 9010	black-grey ~ RAL 7016	red ~ RAL 3016
copper brown ~ RAL 8004	blue ~ RAL 5015	white-grey ~ RAL 7047
light grey ~ RAL 7035	dark grey ~ RAL 7012	green ~ RAL 6000

USAGE

FATRANYL PVC is identified for line anchorage and peripheral finishing elements of waterproofing coats on the base of PVC-P films.

APPLICATION

Processing of Fatranyl PVC (cutting, bending, moulding, etc.) is similar to the processing of non-laminated sheets only that these cannot be joined by usual tinsmith's joints (with overlap, overlap with soldering, overlap with inserted sealing, with insert or fillets). They can be done by close side-by-side application of the sheets whilst observing dilatation gap or folding and overlapping.

FATRANYL PVC coated metals can be welded with a hot-air welding apparatus together with all waterproofing sheets of the FATRAFOL- systems based on PVC-P.

The application can be made by specialized and for this purpose trained firms at the constructions.

FATRANYL PVC is applied conformable with fundamentals being set and described in a Construction and Technologic Instruction FATRAFOL-S, FATRAFOL-H and FATRAFOL-A being valid in the time of waterproofing providing, available on www.fatrafol.cz.

STORAGE

Store at temperature from -5 °C to +30 °C. There is necessary to protect the product from pollution at the building site and is recommended to protect it from weathering influences till the processing time.

MORE INFORMATION

More information can be found on the manufacturer's website www.fatrafol.cz.

LEGAL CLAUSE

The technical data contained herein are based on our current knowledge and experience and relate to the use of products under normal application conditions. The information that is included in the current technical data sheet is provided according to a method of use and is incomplete. Before using this product, the user has to check whether the product is suitable for intended use. In addition to that, all the users should contact the dealer or manufacturer of this product to obtain further technical information regarding its use if they are of the opinion that the information available to them requires any explanation, for both the normal and specific use of this product. Please always check that you have the latest version of the product technical data sheet at your disposal. This data sheet and further information can be obtained from the sales or technical representative of the manufacturer or at the website of the producer.

PRODUCER

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