



Coated metal sheet FATRANYL PVC

Účinnost: 13.07.2018

Vydání: 4

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.
Usage	FATRANYL PVC is identified for line anchorage and peripheral finishing elements of waterproofing coats on the base of PVC-P films.
Application	<p>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.</p> <p>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.</p>
Product data	Coated metal sheet FATRANYL PVC fulfils requirements of the Standard EN 14783.

Dimensions:

Thickness of metal plate *)	Thickness of PVC-P layer	Sheet		Coil	
		Width *)	Length *)	Width *)	Length *)
0.55 mm - 0.80 mm	min. 0.6 mm	1000 mm	2000 mm	-	-
	0.60 mm ± 0.03 mm	-	3000 mm	1000 mm	30 m

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

- FATRANYL PVC is delivered in sheets as a standard (c. of 10.5kg/sheet)
- The coated metal is delivered in coils under marking of FATRANYL PVC-S (c. 170 kg / coil of 30 m)
- The moulded profiles – shapes and dimensions are identified within Construction and Technology Regulations of the FATRAFOL- systems.

Colour:

FATRANYL PVC 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, silver grey RAL 7001 and graphite grey RAL 7024 and mahogany brown RAL 8016.

Packing, transport, storage:

The sheets of FATRANYL PVC coated metal are laid according to standard on a wooden pallet in an amount by 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.

Technical parameters:

Reaction to fire	EN 13501-1, Classification - Class E
Outer fire behaviour	EN 13501-5, Classification - $B_{ROOF}(t3)$, $B_{ROOF}(t1)$
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 ($0.6 \text{ mm} \pm 0.03 \text{ mm}$) 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.

Safety instruction	Safety at work and health protection There is necessary to keep all safety, hygienic and fire regulations valid in the time of práci with coated metal sheets.	
Related documentation	<ul style="list-style-type: none">• Product performance assessment report (acc. to european Construction Products Regulation - CPR) issued by Technical and Test Institute for Construction Prague (Technický a zkušební ústav Praha, s.p.)• FATRAFOL-S - Construction and technological instructions for installation of waterproofing membranes on roof decks (PN 5415/2011)• FATRAFOL-H - Construction and technological manual for installation of Fatra waterproofing membranes to protect below ground structures from water, certain liquids and radon (PN 5416/2011)	
Producer	Fatra, j.c., třída Tomáše Bati 1541, 763 61 Napajedla, Czech Republic	
	tel.: +420 577 50 3323 (1111) fax: +420 577 50 2253 (3001)	e-mail: studio@fatrafol.cz http://www.fatrafol.cz

Kdo

Kdy

Pro koho - -

Číslo výtisku

Konec dokumentu