



LINO<sup>®</sup>

PRODUCT  
CATALOGUE



fatrafloor<sup>®</sup>  
flooring systems

[fatrafloor.com](http://fatrafloor.com)

VINYL FLOOR COVERINGS

# WHO WE ARE

The history of Fatra, a. s. dates back to 1935, when it was founded on solid of Bata foundation. Over the course of our operations, we have adapted to modern trends and, thanks to innovation and new technologies, we are now one of the world's leading plastics processors and an integral part of the European plastics industry.

Our most valuable resource is our people, who drive the company. Together, we form one large team of more than 1,100 employees that creates cutting-edge products and specialised customer solutions that include not only manufacturing, but also consulting services, research and development.

More than 70% of our production goes abroad. We operate two production centres in Central Europe with state-of-the-art technologies, where we process PVC, PE, PP, EVAC and PET raw materials.

Our products can be found every day at almost every step; in the construction, healthcare, consumer, automotive, electrical, food, haberdashery and footwear industries.

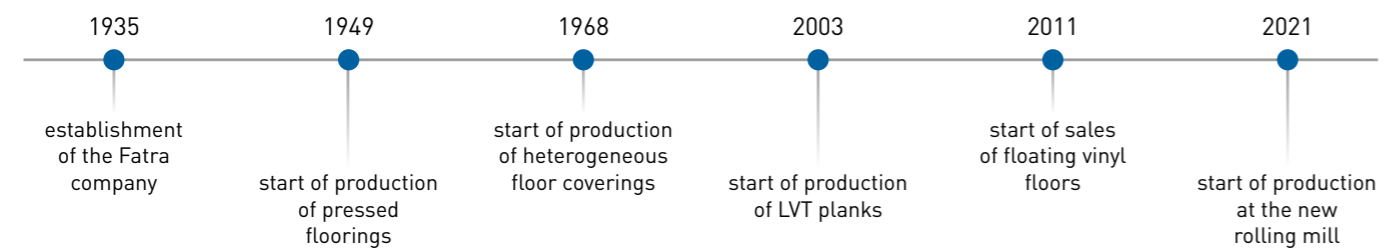
Fatra strives to fulfil the vision of the Integrated System Policy by achieving and maintaining a high level of product and service quality, environmental protection and occupational health.

The first flooring materials were produced in Fatra more than 70 years ago. This makes us not only one of the oldest and most experienced companies in Europe, but also in the world. We develop, design and create innovative design products that find their application in both the commercial and residential sectors and that meet the strictest standards for a healthy and clean indoor environment.

The LINO Fatra PVC floor coverings and accessories now offer a wide range of options for every project. In our portfolio, you will also find solutions for specific spaces to withstand daily intensive loads that are easy to maintain and, last but not least, look and feel good. It is the floor that creates the basic visual element of any interior.

We believe that our new collection of homogeneous and heterogeneous floor coverings, wall coverings and accessories will be the basis for inspiring every customer and satisfying their needs.

## QUALITY BASED ON HISTORY



**250+**  
partners

**52**  
countries

**3**  
continents





# SUSTAINABILITY FIRST

Sustainability is not just a word for us, it is a fundamental element of our business. We see it as a long-term commitment to be better at everything we do.

We have a long-standing commitment to protecting the environment and we undertake annual activities to reduce the carbon footprint of our products. These activities include, among others, reducing water and energy consumption in the production of our products. We are gradually installing renewable energy generation equipment and using secondary energy sources.

We place great emphasis on the professional development of our employees. However, we develop not only ourselves, but also our surroundings. We cooperate in the economic, cultural, social and sporting development of the region.

## Fatra floors for your future

Our floor coverings guarantee an attractive modern look, high functionality and quality combined with a long service life. By choosing our floors, you not only get a quality product to suit your needs, but also a product designed with respect for the environment, taking into account key aspects of sustainability. You also share our values and attitude towards our planet and the life on it.

- When developing products, we conduct life cycle assessments (LCA) of their environmental impact.
- We have an Environmental Product Declaration (EPD) for our floor coverings, which documents the environmental credentials of our products from their inception to their disposal.
- All the raw materials we use are compliant with the REACH chemical legislation and the legislation applicable to construction products.
- We use phthalate-free flooring technology.
- The proportion of our in-house recycled materials in the production of flooring underlayers is up to 80%.
- The anti-slip and antibacterial treated PUR layer guarantees the safety and high hygiene standard of our floor coverings.
- All our floors are characterised by low emissions of volatile organic compounds (VOC), which has been verified by the relevant institutions in the Czech Republic and abroad:
  - State Institute of Health Prague
  - German Institute for Building Technology (DIBt)
  - Eurofins Product Testing Denmark A/S Institute.



# MEMBERSHIP AND CERTIFICATION



## Bureau Veritas

Environmental protection has long been a major focus of our attention. We have a certified quality system according to ČSN EN ISO 9001:2016 and an environmental management system according to ČSN EN ISO 14001:2016.



## Responsible Care

We are guided by the principles of the Responsible Care programme, in which, as a member of the Chemical Industry Association of the Czech Republic, we undertake to manage our activities in such a way as to ensure a high level of sustainable development by responsibly improving the safety of our facilities, product transportation, human health and environmental protection. Thanks to our long-term compliance with these criteria, we have been granted the prestigious "Sustainable Development Award".



## VinylPlus

We are a member of VinylPlus. We are making a long-term commitment to sustainability in the PVC industry. The main objective is to promote a circular economy and more efficient use of resources.



## EPD

We have developed an Environmental Product Declaration, which is an independently verified and registered document that declares the environmental impact of products throughout their life cycle.



## Cleanroom

Our ELECTROSTATIK and GARIS SD floor coverings meet the most stringent conditions for use in cleanrooms. Suitability for use in this environment is guaranteed by the renowned German Fraunhofer IPA Institute, which has awarded us Cleanroom Suitable Materials certification after extensive testing.







## MODERN PRODUCTION TECHNOLOGIES

Our goal is to become an even more modern and automated company. In 2021, we started production at our new rolling mill, expanding not only our production capacity but also the breadth of our product portfolio.

Using European manufacturing technologies, we offer the highest quality and design not only for commercial but also for residential solutions.

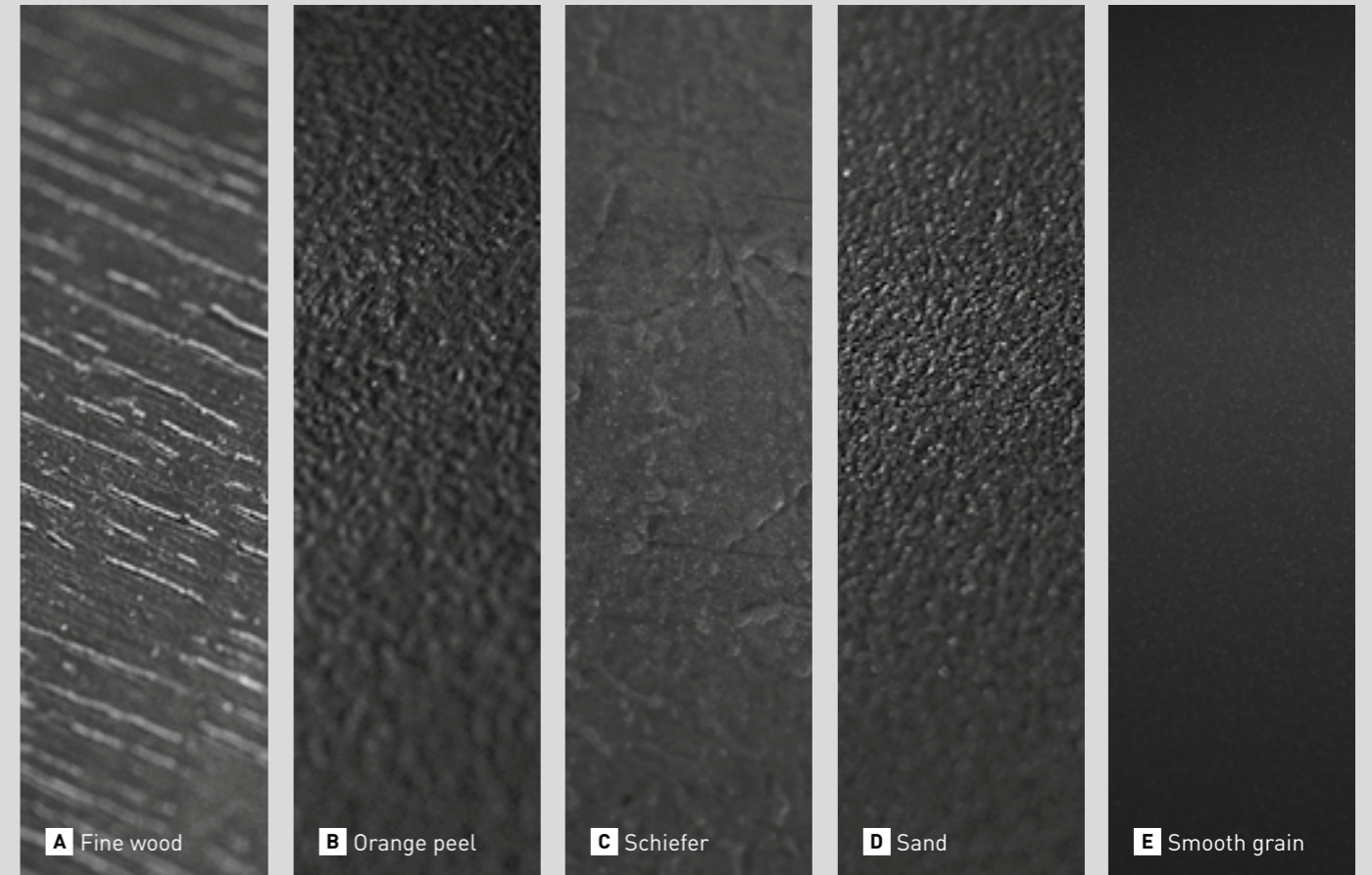
Our research and development experts are constantly looking for ways to innovate our products in an environmentally friendly and sustainable way.

### The quality of our production is subject to the strictest criteria:

- Use of our own laboratories equipped with modern analytical instruments
- Guarantee of a high standard of supplier selection and control of input raw materials
- Multi-stage control of the production process
- Keeping all production documentation in electronic form
- Tracking the flow of materials using barcodes



## SURFACE STRUCTURE - TEXTURE



## SILVER BLOCK - Antibacterial activity of PUR varnish

In addition to their aesthetic and utilitarian function, floor coverings must meet the highest hygiene standards, which is why the top layer of our floor coverings is created using UV-curable PUR varnish. The cured PUR varnish creates a continuous coating that enhances the attractive appearance of the decking, increases the resistance of the surface to chemicals and makes maintenance easier.

The PUR varnish is treated with the SILVER block method, which creates a shield against the undesirable action of microorganisms. The protection is achieved by incorporating additives based on silver compounds into the varnish formulation: the silver ions become a permanent part of the coating once the varnish has cured. The effectiveness of the SILVER block protection has been tested and verified by an independent testing laboratory according to the international standard ISO 22196:2011.

### The main advantages of the SILVER block treatment of the PUR varnish:

- Protection against bacteria by following the instructions for regular therapy\*
- Effectiveness proven by a test conducted by an independent testing laboratory
- High resistance to chemicals and stains

\*) The detailed procedure for the cleaning, treatment and maintenance of floor coverings with a PUR coating is set out in the relevant laying code available on the website [www.fatrafloor.com](http://www.fatrafloor.com).



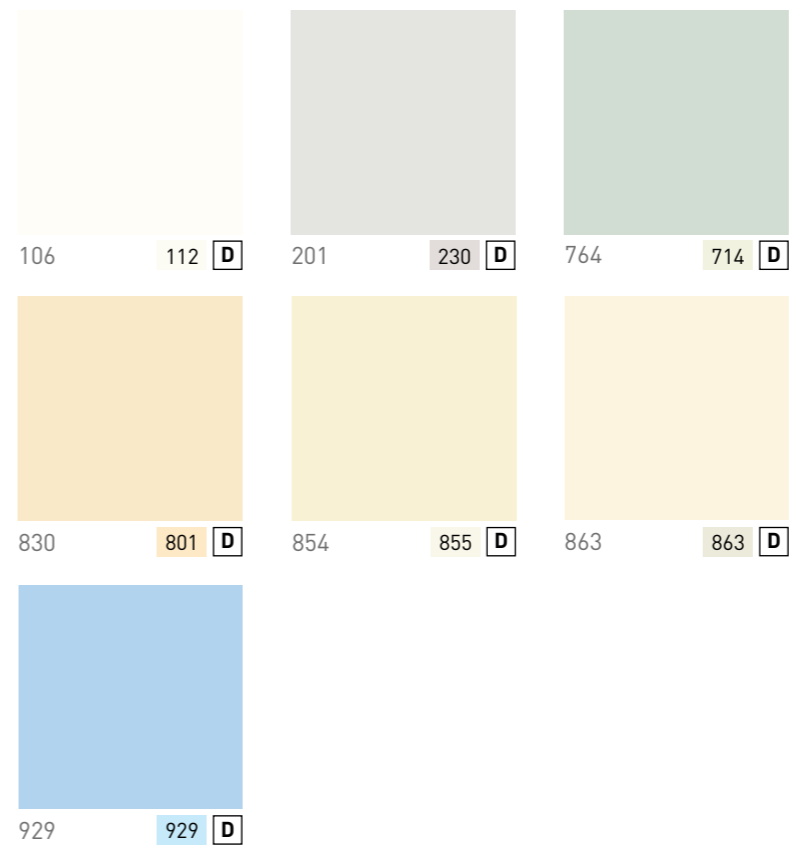
# MODUL - WALL COVERING



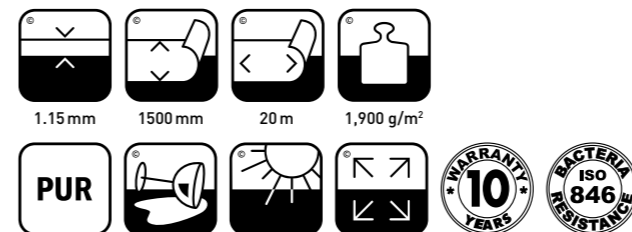
MODUL 854

ELEKTROSTATIK 1151

## fatra LINO® | MODUL



201 Decor Number 230 Cord Color **D** Pattern



MODUL 863



# PACKING

## BOX

			ELEKTROSTATIK 1.7 mm	ELEKTROSTATIK 2.0 mm
PACKING	BOX	pcs	35	30
		m <sup>2</sup>	12.91	11.07
	PALLET	pcs of box	18	18
		m <sup>2</sup>	232.38	199.26
APPROX. WEIGHT BRUTTO	BOX	kg	32	32
	PALLET	kg	576	576

## ROLLS

			DOMO	NOVOFLOR STANDARD		NOVOFLOR EXTRA			DUAL	GARIS, GARIS SD	MODUL	
THICKNESS	mm		1.5	2.0		2.0			2.0	2.0	1.15	
WIDTH	m		2.0	2.0		2.0	1.5		1.5	1.5	1.5	
PACKING	LENGHT	m	16	20	12	20	12	20	12	12	20	
	AREA	m <sup>2</sup>	32	40	24	40	24	40	18	18	30	
APPROX. WEIGHT BRUTTO	ROLLS	kg	77	95	78	127	76	125	56	53	51	57

# INSTRUCTIONS FOR THE INSTALLATION, CARE AND MAINTENANCE OF PVC FLOOR COVERINGS AND WALL COVERINGS

## Storage

The rolls must be stored at a temperature of +5 °C to +35 °C in a dry and dust-free indoor area, min. 1m from heat sources. Flooring must be protected from the effects of direct sunlight and artificial lighting with a high UV component.

## Installation

- The installation of the covering is carried out using the technology according to the relevant installation code of the manufacturer.
- We recommend that the covering is installed by a professional flooring company.
- Visually check the quality of appearance and execution before laying the covering.
- In case there are visible appearance defects, do not install the covering and contact seller.
- The covering is not suitable for free laying; it is laid by full surface bonding with dispersion or solvent-based adhesives recommended by the manufacturer.
- Immediately after laying, the covering must be rolled using a 50 kg segmented roller.
- Before installation it is necessary to:
  - roll out the covering in rolls and stabilise the surface and dimension at a temperature above +18 °C for 48 hours,
  - temper the covering in parts at a temperature above +18 °C for 48 hours.
- The underlay for laying must be flat, smooth, free of cracks and dust, sufficiently firm, clean and dry. Unevenness, grease stains and other defects must be removed.
- Coverings must not be glued in rooms that are not sufficiently insulated against underfloor moisture and in rooms with underfloor heating systems if the surface temperature permanently exceeds +28 °C.
- The room and underlay temperature must not fall below +18 °C during installation.
- For floor coverings with regular decor, there is no continuity of the pattern between the individual planks or parts guaranteed.
- During installation:
  - for coverings in rolls, there is serial number each roll that must follow one after the other in installation process,
  - coverings in parts must follow the laying direction indicated by the arrow on the back side of the part to avoid differences in the shade of the installed floor covering,
  - it is not recommended to combine different production batches.

## FLOOR AND WALL COVERING TREATMENT

- The detailed procedure for cleaning, treatment and maintenance of covering is set out in the relevant laying code.
- For normal cleaning of the covering, lukewarm water is used with the addition of a cleaning agent designed for the type of floor covering.
- The covering must be protected against staining with asphalt, products containing dyes and organic solvents and against contact with burning and smouldering objects.
- Rubber products in contact with the covering cause an irremovable colour change of the covering.
- Furniture legs must be fitted with functional protectors, soft plastic glides, felt pads, etc. Felt pads must be used on standing legs, tables, cupboards, etc. Moving furniture, armchair, chair are recommended secure with functional pads, not felt.
- For wheeled chairs we recommend "W" type castors - soft plastic on a hard core, or use protective PET pads designed or use under mobile furniture
- We recommend protecting the flooring with a suitable shading technique.

Further information can be found on the manufacturer's website [fatrafloor.com](http://fatrafloor.com), in the relevant laying code for LINO Fatra PN 5410/97.

# TECHNICAL DATA

TECHNICAL DATA	NORM	UNIT	ICON	DOMO	NOVOFLOR STANDARD	NOVOFLOR EXTRA	NOVOFLOR EXTRA AMOS	DUAL	GARIS, GARIS SD			ELEKTROSTATIK		MODUL		
TOTAL THICKNESS	EN ISO 24346	mm		1,5	2,0	2,0	2,0	2,0	2,0	2,0	1,5	2,0	1,5	2,0	1,7	1,15
THICKNESS OF TREAD LAYER	EN ISO 24340	mm		0,30	0,55	0,80	0,70	0,80	homogeneous			homogeneous		0,50		
CLASSIFICATION/LEVEL OF USE	EN ISO 10581 EN ISO 10582	class		21 - 23	21 - 23 31 - 33 41 - 42	21 - 23 31 - 34 41 - 43	21 - 23 31 - 34 41 - 43	21 - 23 31 - 34 41 - 43	21 - 23 31 - 34 41 - 43	21 - 23 31 - 32 41	21 - 23 31 - 34 41 - 43	21 - 23 31 - 32 41	21 - 23 31 - 34 41 - 43	21 - 23 31 - 32 41	-	
WIDTH	EN ISO 24341	mm		2000	2000	1500	2000	1500	1500	2000	1500	2000	1500	-	1500	
ROLL LENGTH	EN ISO 24341	m		16,20	12,20	12	12,20	12	12	12	16	12	16	-	20	
TILE SIZE	EN ISO 24342	mm		-	-	-	-	-	-	-	-	-	608 x 608	-		
PACKING - BOX	-	m <sup>2</sup>		-	-	-	-	-	-	-	-	-	11,07	12,91	-	
AREA WEIGHT	EN ISO 23997	g/m <sup>2</sup>		2310	3113	3060	3060	2890	3050	2300	3050	2300	2780	2363	1900	
DIMENSIONAL STABILITY	EN ISO 23999 *CSN 640610	%		≤ 0,4	≤ 0,4	≤ 0,4	≤ 0,4	≤ 0,4	≤ 0,4	≤ 0,4	≤ 0,4	≤ 0,4	≤ 0,4	≤ 0,4*		
CURLING AFTER EXPOSURE TO HEAT	EN ISO 23999	mm		≤ 8	≤ 8	≤ 8	≤ 8	≤ 8	≤ 8	≤ 8	≤ 8	≤ 8	NPD	NPD		
RESIDUAL INDENTATION	EN ISO 24343-1	mm		≤ 0,1	≤ 0,1	≤ 0,1	≤ 0,1	≤ 0,1	≤ 0,1	≤ 0,1	≤ 0,1	≤ 0,1	≤ 0,1	NPD		
CASTOR CHAIR RESISTANCE	ISO 4918	-													NPD	
COLOUR FASTNESS TO ARTIFICIAL LIGHT	EN ISO 105-B02, method 3	degree		min. 6	min. 6	min. 6	min. 6	min. 6	min. 6	min. 6	min. 6	min. 6	min. 6	min. 6		
FLAMMABILITY	EN 13501-1 *EN 13823	class		B <sub>fl</sub> -s1	B <sub>fl</sub> -s1	B <sub>fl</sub> -s1	B <sub>fl</sub> -s1	B <sub>fl</sub> -s1	B <sub>fl</sub> -s1	B <sub>fl</sub> -s1	B <sub>fl</sub> -s1	B <sub>fl</sub> -s1	B <sub>fl</sub> -s1	B <sub>fl</sub> -s1	B-s2, d0*	
FORMALDEHYDE EMISSION	EN 717-1	class		E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	E1	NPD	
SLIP RESISTANCE	EN 13893	class		DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	DS	NPD	
THERMAL CONDUCTIVITY	EN ISO 10456	W/m.K		0,17	0,17	0,17	0,17	0,17	0,17	0,17	0,17	0,17	0,17	0,17	NPD	
STAIN RESISTANCE AND CHEMICAL RESISTANCE	EN ISO 26987	-														
ANTI - SLIPPING	DIN 51130	class		R11	R11	R10	R11	R11	R11	R11	R10	R11	R10	R10	NPD	
ELECTRICAL RESISTANCE	EN 1081	Ω		NPD	NPD	NPD	NPD	NPD	NPD	GARIS SD ≤ 1.10 <sup>9</sup>			≤ 1.10 <sup>6</sup>	NPD		
FINISHING	-	-														
WEAR RESISTANCE	EN 660-2	-		T	T	T	T	T	T	T	T	T	T	T	NPD	
RESISTANCE TO BACTERIA	EN ISO 846, method C	-														
ANTIBACTERIAL PROTECTION PUR	ISO 22196	-				NPD										
VOC	EN ISO 16000-9	µg/m <sup>3</sup>		≤ 10 (after 28 days)	≤ 10 (after 28 days)	≤ 10 (after 28 days)	≤ 10 (after 28 days)	≤ 10 (after 28 days)	≤ 10 (after 28 days)	≤ 10 (after 28 days)	≤ 10 (after 28 days)	≤ 10 (after 28 days)	≤ 10 (after 28 days)	≤ 10 (after 28 days)	NPD	
WARRANTY		years														



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