

**VOX**



# SYSTEM MAX -3

Resistance in all conditions

April 2021



MAX-3 IS A FACADE SYSTEM FOR EXTREME CONDITIONS, WHICH COMBINES THE ADVANTAGES OF VINYL AND METAL SIDING, AND ELIMINATES THEIR DISADVANTAGES. THANKS TO THE USE OF AN INNOVATIVE, THREE-LAYER TECHNOLOGY, MAX-3 COMBINES HIGH MECHANICAL RESISTANCE WITH THE POSSIBILITY OF POLYMER MATERIAL, RELATED TO SHAPE, COLOR AND STRUCTURE.



- MAX-3 siding panels, are made with triple extrusion technology, and gain high resistance to mechanical damage, previously available only for metal siding. The reduced linear expansion ensures high resistance to low and high temperatures.
- At the same time, unlike metal coverings, MAX-3 siding is much easier to process and install, and during use it does not corrode, does not peel off and retains its color longer, so it does not require specialist maintenance and painting.



# COMPARISON

	MAX-3	METAL SIDING	STANDARD VINYL SIDING
USE	<ul style="list-style-type: none"> <li>- cottages,</li> <li>- balconies and loggias ??</li> <li>- low-rise buildings</li> <li>- production workshops and warehouses</li> </ul>	<ul style="list-style-type: none"> <li>- rarely used for decorating houses</li> <li>- production workshops and warehouses</li> <li>- suitable for finishing those buildings for which increased requirements for fire resistance are imposed</li> </ul>	<ul style="list-style-type: none"> <li>- cottages,</li> <li>- balconies and loggias ??</li> <li>- low-rise buildings</li> <li>- production workshops and warehouses</li> </ul>
IMPACT RESISTANCE	<ul style="list-style-type: none"> <li>- three times higher than standard vinyl siding - 13.5 J, comparable to metal siding</li> </ul>	<ul style="list-style-type: none"> <li>- the highest among all types of siding</li> </ul>	<ul style="list-style-type: none"> <li>- standard at 4.3 J</li> </ul>
TIME OF USE	<ul style="list-style-type: none"> <li>- durable, 50 years warranty</li> </ul>	<ul style="list-style-type: none"> <li>- durable, 50 years warranty</li> </ul>	<ul style="list-style-type: none"> <li>- durable, 50 years warranty</li> </ul>
WINDRESISTANCE	<ul style="list-style-type: none"> <li>- has a windproof lock, which improves the resistance of the facade to strong wind gusts</li> </ul>	<ul style="list-style-type: none"> <li>- No data</li> </ul>	<ul style="list-style-type: none"> <li>- has a windproof lock, which improves the resistance of the facade to strong wind gusts</li> </ul>
UV RESISTANCE	<ul style="list-style-type: none"> <li>- increased compared to conventional vinyl siding</li> </ul>	<ul style="list-style-type: none"> <li>- No data</li> </ul>	<ul style="list-style-type: none"> <li>- under constant exposure to sunlight may fade</li> </ul>

# COMPARISON

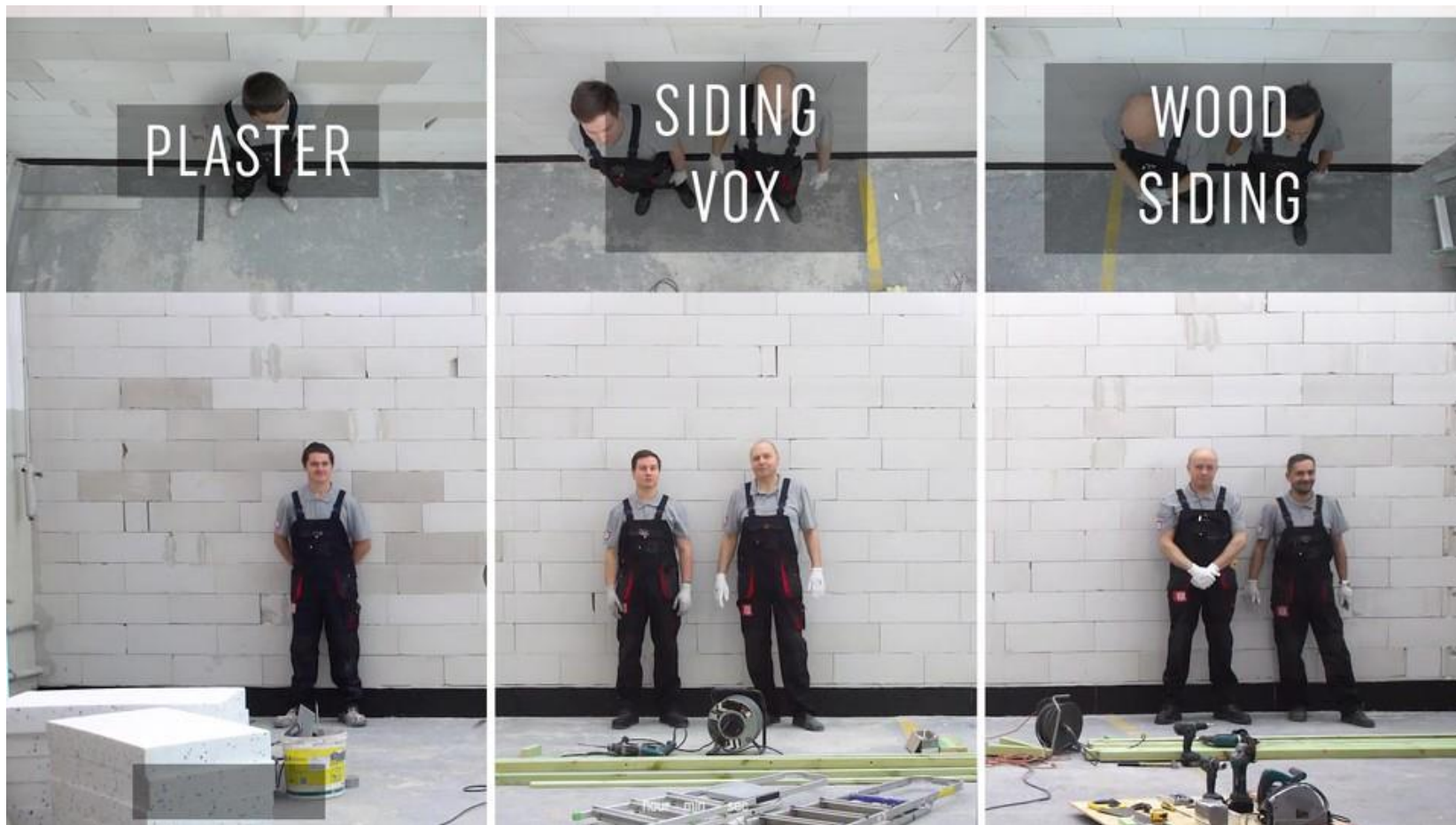
	MAX-3	METAL SIDING	STANDARD VINYL SIDING
RESITANCE TO TEMPRATURE CHANGES	<ul style="list-style-type: none"> <li>- high resistance to extreme effects of various temperatures (both very low and very high)</li> <li>- melts when exposed to flame</li> </ul>	<ul style="list-style-type: none"> <li>- indifferent to the effects of temperature</li> <li>- very high degree of resistance to fire</li> </ul>	<ul style="list-style-type: none"> <li>- not resistant to very high or very low temperatures</li> <li>- melts when exposed to flame</li> </ul>
EASY TO KEEP CLEAN	<ul style="list-style-type: none"> <li>- stays clean for a long time and is very easy to clean thanks to the structure that allows a drop of water to drain freely</li> <li>- cleaning with a pressure washer</li> </ul>	<ul style="list-style-type: none"> <li>- cleaning with a pressure washer</li> </ul>	<ul style="list-style-type: none"> <li>- stays clean for a long time and is very easy to clean thanks to the structure that allows a drop of water to drain freely</li> <li>- cleaning with a pressure washer</li> </ul>
AESTHETIC	<ul style="list-style-type: none"> <li>- natural and aesthetic appearance of the facade; perfect imitation of natural wood with structure and multi-color thermal printing</li> </ul>	<ul style="list-style-type: none"> <li>- wood-like colors are available, but the colors are applied with a completely different technique</li> </ul>	<ul style="list-style-type: none"> <li>- natural and aesthetic appearance of the facade; perfect imitation of natural wood with structure and multi-color thermal printing</li> <li>- uniform colors</li> </ul>
INSTALLATION	<ul style="list-style-type: none"> <li>- easy and quick installation and processing of panels, matched finishing trims,</li> <li>- does not require special tools</li> </ul>	<ul style="list-style-type: none"> <li>- metal siding is much heavier than vanilla siding, it requires a special tool and more physical strength,</li> </ul>	<ul style="list-style-type: none"> <li>- easy and quick installation and processing of panels, matched finishing trims,</li> <li>- does not require special tools</li> </ul>

# COMPARISON

	MAX-3	METAL SIDING	STANDARD VINYL SIDING
CHEMICAL RESISTANCE	<ul style="list-style-type: none"><li>- slightly resistant to aggressive agents</li></ul>	<ul style="list-style-type: none"><li>- very resistant to aggressive factors such as alkalis, acids, solvents, but this applies to the metal itself, not the layer that is the color carrier</li></ul>	<ul style="list-style-type: none"><li>- slightly resistant to aggressive agents</li></ul>
OTHER	<ul style="list-style-type: none"><li>- easy to repair, since it is enough to dismantle the damaged element and insert a new one in its place</li><li>- does not corrode</li></ul>	<ul style="list-style-type: none"><li>- façade damages cannot be repaired, damaged panels remain forever</li><li>- corrosion</li><li>- poor sound insulation - noisy in the rain</li></ul>	<ul style="list-style-type: none"><li>- easy to repair, since it is enough to dismantle the damaged element and insert a new one in its place</li><li>- does not corrode</li></ul>



# COMPARISON MOVIE



# COMPARISON

	SIDING MAX-3	METAL SIDING	PLASTER	WOODEN SIDING
SURFACE	half matt – natural, oiled wood effect	glossy	rough and porous, prone to dirt deposition	half matt
COLOUR	the effect of natural wood obtained through the panels made in thermal-print technology	colour achieved by veneer or paint applied to the panel surface	a very large variety of colors and textures	requires staining to achieve a particular color and cover with oil or varnish to maintain that color (additional expenses)
RESISTANCE TO ATMOSPHERIC CONDITIONS	increased resistance to severe weather conditions, including large temperature differences	very resistant to weather conditions and mechanical damage, but without proper protection it corrodes quickly, the color layer may be damaged (chipping, flaking)	can break under the influence of large temperature differences, heavy air pollution and aggressive chemicals cause significant damage, relatively quick deposition of dirt	resistance is achieved only after applying appropriate impregnate, impregnation should be repeated every few years (additional expenses)
UV RESISTANCE	high resistance to sunlight (confirmed by examination - xenotest)	resistance to sunlight and fading concerns veneer or paint used on the surface, the metal itself is very resistant	intense colors fade quickly, the color also changes due to the deposition of dirt	resistance depends on the type of wood and quality of used impregnates
RESTISTANCE TO INSECTS, MULD AND FUNGHI	it provides no sustenance for insects, muld and fungi	it provides no sustenance for insects and fungi, but easily corrode and become rusty	stains from water and flooding create a ground for development of fungi and algae	it is exposed to biological corrosion, so the wood before laying should be dried and antifungal impregnated

# COMPARISON

	SIDING MAX-3	METAL SIDING	PLASTER	WOODEN SIDING
IMPACT RESISTANCE	increased resistance to mechanical damage, comparable with metal siding	highly resistant to mechanical damage, but in places of scratches may appear rust	durability of the plaster depends on its type, the most resistant plasters (silicate) are also the most expensive	material is much heavier, and more difficult to handle, resulting in the length of the assembly, no ready to use finishing elements
INSTALLATION	simple and quick assembly due to the large covering area and small weight of the panels and ready to use finishing elements	installation is not complicated, but requires special tools and the skills, finishing elements should be made from metal sheet by cutting and bending	it requires so-called "Wet" construction works and employment specialist, the surface should be covered with a suitable paint to extend the life of the plaster	lack of finishing trims, finishing with metal sheet is required
FINISHING ELEMENTS	full system, which is composed of panels and trims	there are no ready for use trims, they should be cut and bent from metal sheets by using special tools	not applicable	not applicable

# COMPARISON

	SIDING MAX-3	METAL SIDING	PLASTER	WOODEN SIDING
VENTILATION	properly installed siding ensures adequate facades ventilation, by the installation of siding, you can put thermal insulation on the building	properly installed siding ensures adequate facades ventilation, by the installation of siding, you can put thermal insulation on the building	for renovation, the facade needs to be painted with appropriate paints or a new layer of plaster should be applied	not applicable
CLEANING	panel surface allows the drainage of the free water droplets, its reduces the deposition of dirt, if necessary facade can be washed with water and a mild detergent	if necessary, can be cleaned with water and a mild detergent	no data	to to make renovation, the old layer has to be removed, and then boards should be grind and repaint, what is cost - and time-consuming
WARRANTY	50 years	50 years	the warranty depends mainly on the contractor, and also on other factors - e.g. insulation	up to 10 years - depending on the type of wood and the impregnation used

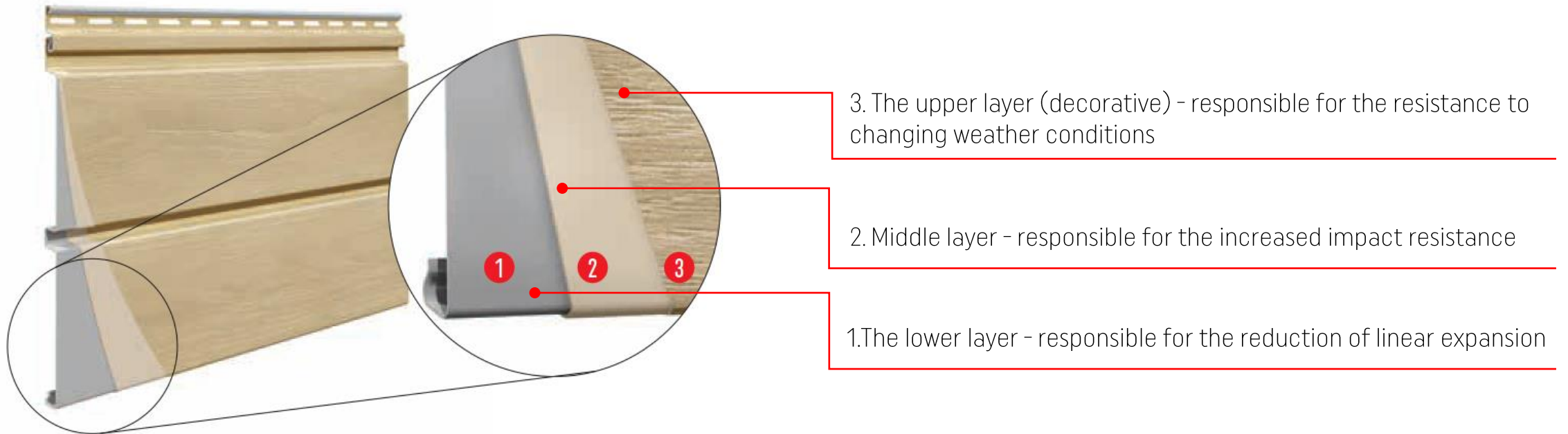
# 3-LAYER TECHNOLOGY

**VOX**

3-MAX technology provides a three-layer panel, where each layer is responsible for different properties of the product.



# MAX-3 TECHNOLOGY



System MAX-3 panels are produced with an innovative **3-LAYER EXTRUSION TECHNOLOGY** developed by top specialists using the best of western technology and patented by VOX .



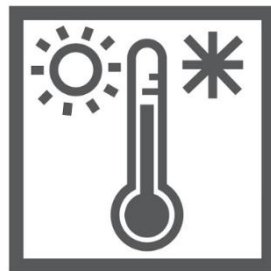
# ADVANTAGES



INNOVATIVE  
PRODUCTION  
OF TECHNOLOGY



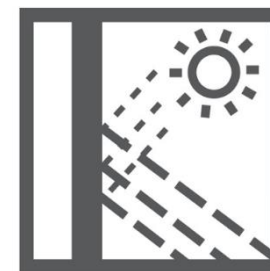
HIGHER IMPACT  
RESISTANCE



RESISTANCE TO  
CHANGING WEATHER  
CONDITIONS



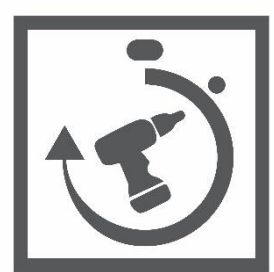
REFLECTED  
NATURAL WOOD



UV RESISTANCE



SURFACE LIMITING  
DIRT DEPOSITION



QUICK AND INTUITIVE  
INSTALLATION



WINDRESISTANCE

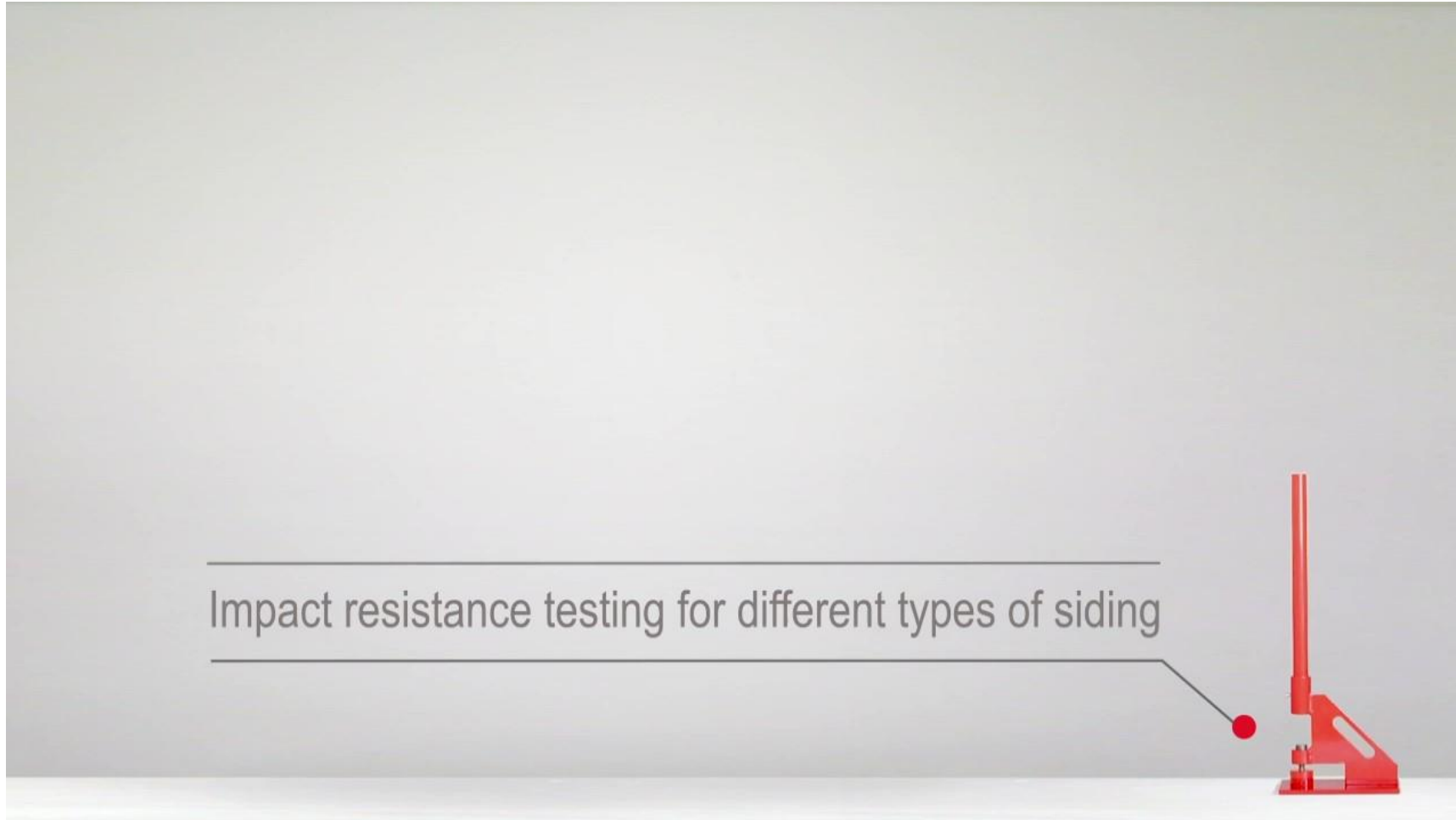


WARRANTY



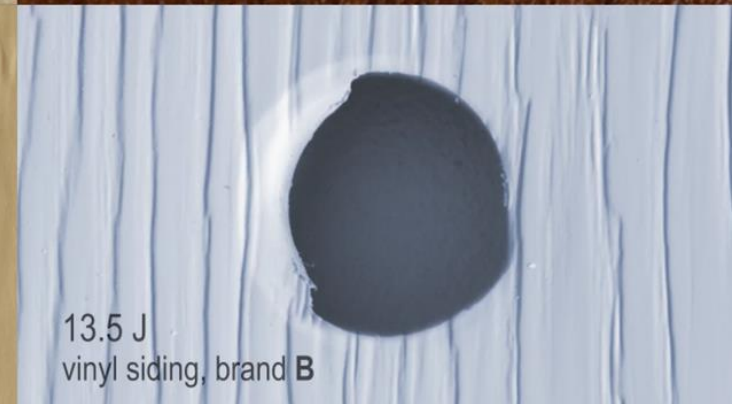
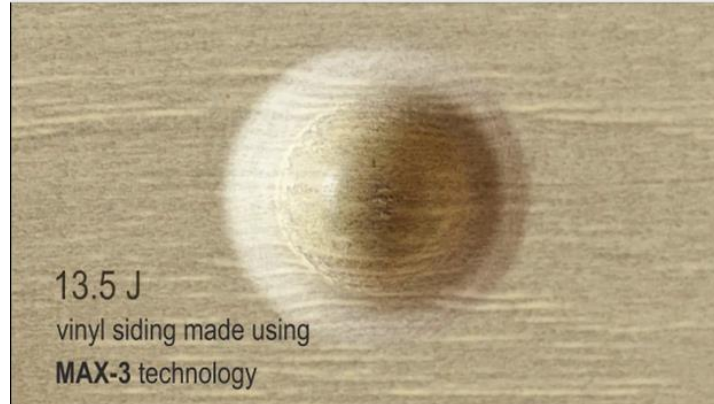
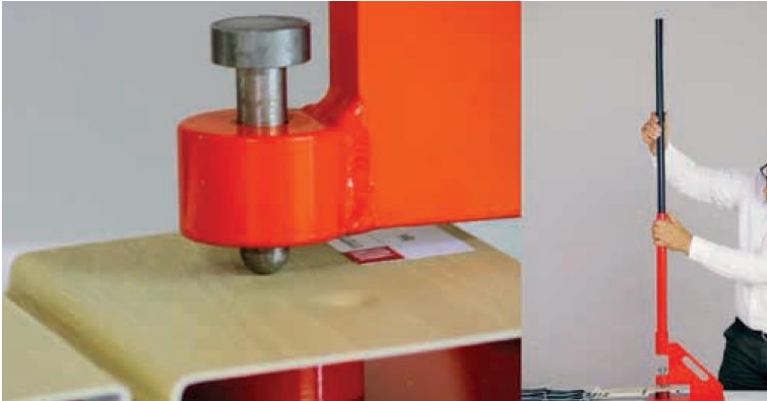
QUALITY

# IMPACT RESISTANCE TEST



Impact resistance testing for different types of siding

# IMPACT RESISTANCE RESULTS



# IMPROVED PANEL SURFACE

The surface structure of the products has been improved:

- Better visual effect – modern structure of brushed wood
- The surface stays clean for a long time and is very easy to clean thanks to the structure that allows a drop of water to drain freely





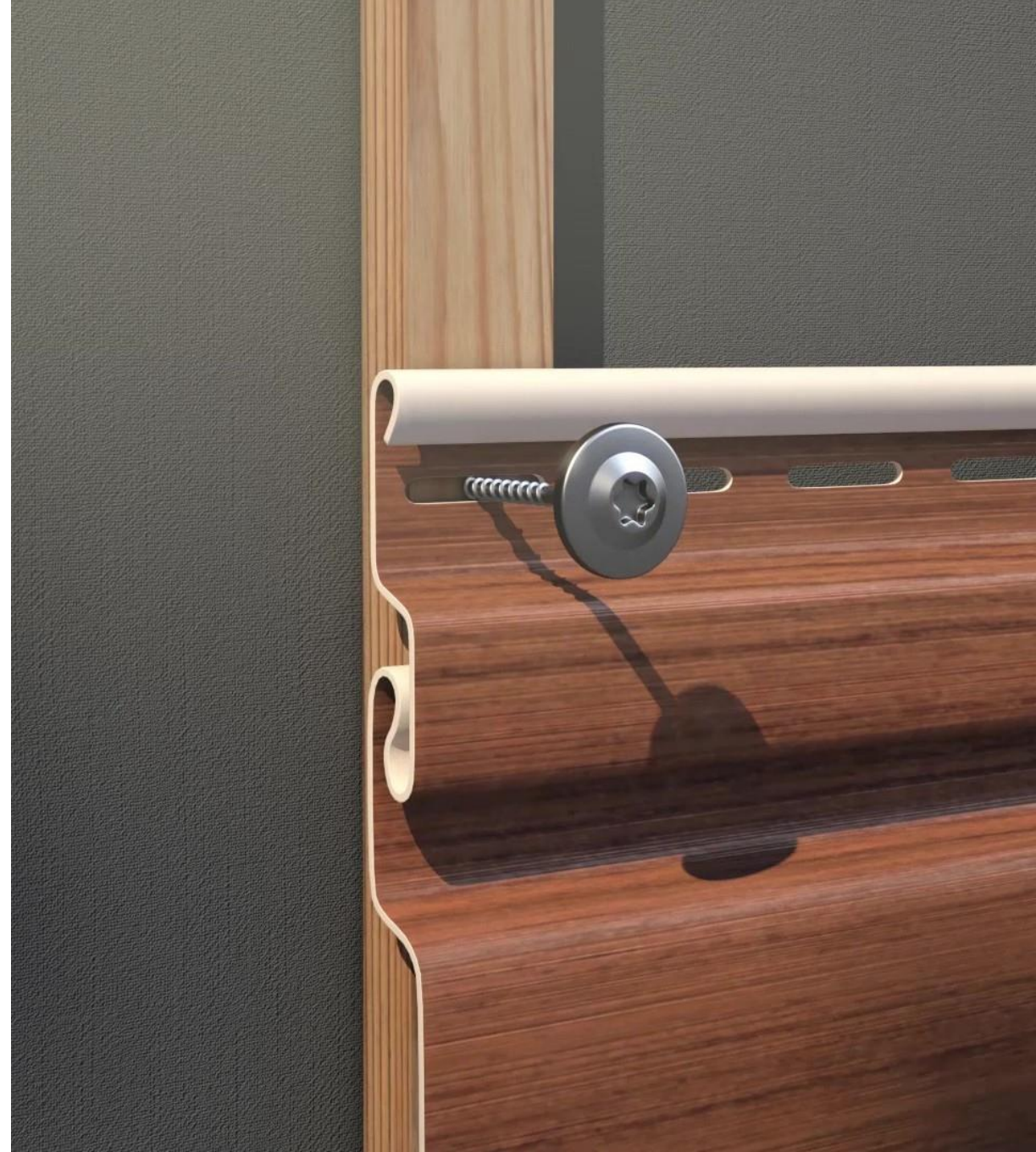
# SELF-CLEANING EFFECT



# WIND-PROOF LOCK

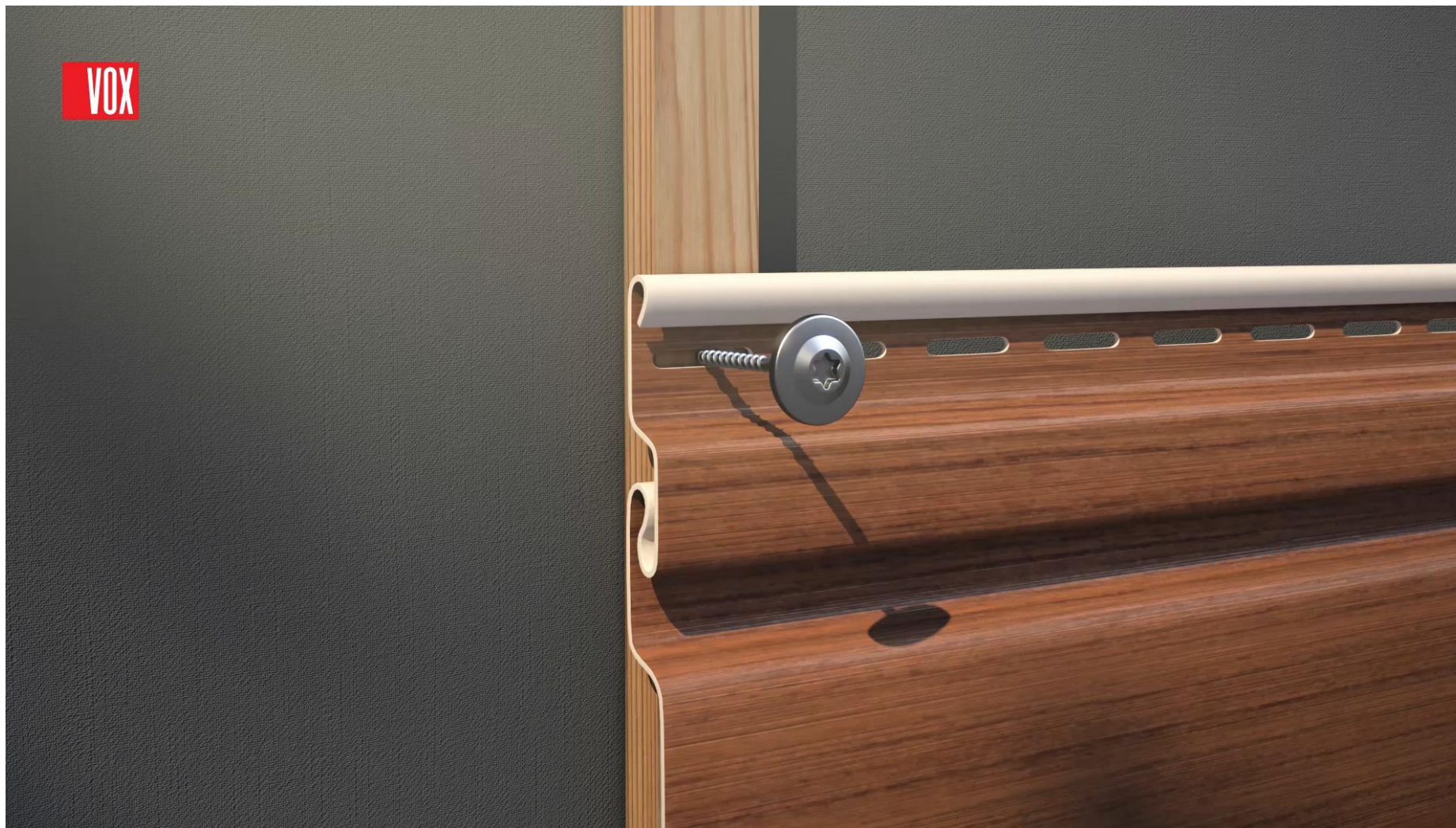


- The shape of the lock ensures a strong hold of soffit panels, which secure them during strong winds.
- It also limits the noise of panels in strong wind gusts
- It helps to fasten the panels to ensure adequate dilatation





# WIND-PROOF LOCK









# THERMAL PRINTING COLOUR TECHNOLOGY

Thermal printing technology ensures an accurate representation of each material, therefore, we have decided to use it for the production of our soffit panels, to produce panels which look like natural wood.

Additionally, surfaces made with this technology are resistant to mechanical damage and sunlight.

Thermal printing opened new possibilities for our designers and Infratop soffit is their perfect example.





# NEW TECHNOLOGY

## THERMAL PRINTING 2

- With the thermal printing -2 technology a better and more accurate reproduction of wood pattern is possible, allowing us to obtain a better effect, that is closer to natural wood.
- With this technology, the pattern on one panel does not repeat as often, which means that once the panels are joined we do not have the impression that all of them have the same wood pattern. In this way we have obtained a better aesthetic effect as the panels have a more varied and interesting wood pattern
- Winchester oak façade panels are manufactured in the thermal printing 2 technology





# THERMAL PRINTING 2 PRODUCT DESIGNATION SXPU

- In order to distinguish them from the existing panels SXP on the market, facade panels manufactured in the thermal printing – 2 technology have new symbols: SXPU
- The additional letter "U" means "unique"









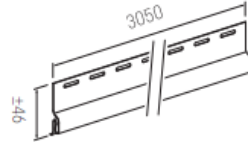
# SYSTEM COMPONENTS – PANELS AND FINISHING SKIRTING

**SXP(U) -05**



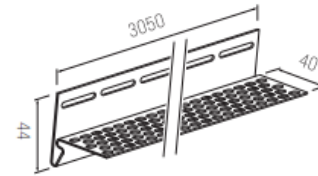
**SV-11**

- Listwa startowa • Startovací lišta
- Štartovacia lišta



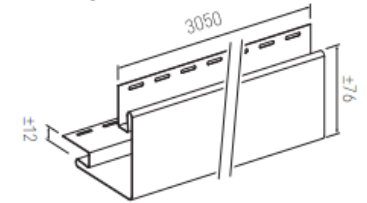
**SV-11,5**

- Listwa wentylacyjna dolna • Spodní větrací lišta
- Dolná vetracia lišta



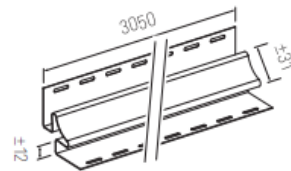
**SV(P/PU)-12**

- Narožnik zewnętrzny • Vnější roh
- Vonkajší roh



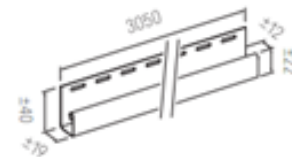
**SV(P/PU)-13**

- Narožnik wewnętrzny • Vnitřní roh
- Vnúťorný roh



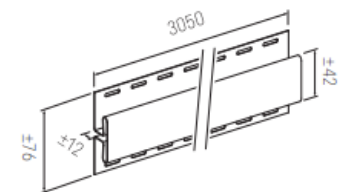
**SV(P/PU)-15**

- Listwa J • Lišta J • Lišta J



**SV(P/PU)-18**

- Łącznik • Spojka • Spojka



Panels SXP(U)-05 may be installed both in horizontal and vertical position

# COLOURS



Ash



Oak Winchester



Oak



Honey Oak



Beech



Golden Oak





# INSTALLATION OF VIFRONT SIDING



VINYL SIDING

INSTALLATION ON WALLS

# MARKETING MATERIALS

Catalogue  
Size: 280 x 210 mm

9029529



MAX-3 SYSTEM  
ФАСАДНАЯ СИСТЕМА



# MARKETING MATERIALS



Samples „fan“

Size: 15 x 28 cm

3027141



# MARKETING MATERIALS



## FACADE SYSTEM MAX-3



SPP-05 Oak

SPP-05 Honey Oak

SPP-05 Whiteoak

SPP-05 Golden Oak



SPP-05 Ash

SPP-05 Beech



SPP(U)-05  
Flat panel

SV-11  
Starting trim



SV-11.5  
Lower ventilation trim



SV(U)/PU-12  
Outside corner



SV(U)/PU-13  
Inside corner



SV(U)/PU-15  
IS Form



SV(U)/PU-18  
Joint trim



Samples board

Size: 110 x 78 cm

3027142



# MARKETING MATERIALS

Sample „ladder“

3027143



All rights reserved









# LOGISTIC

TYPE	INDEX	SYMBOL	NAME	EAN (PACKAGE)	EAN (PCS)	PCS IN PACKAGE	M <sup>2</sup> IN PACKAGE
SXP-05 3,85 M LENFGTH	3008865	SXP-05-OA	SXP-05 PANEL OAK 3,85m 10szt/op	5905952144787	5905952144794	10	9,625
	3008866	SXP-05-BE	SXP-05 PANEL BEECH 3,85m 10szt/op	5905952144800	5905952144817		
	3008867	SXP-05-ES	SXP-05 PANEL ASH 3,85m 10szt/op	5905952167625	5905952167632		
	3023169	SXP-05-GO	SXP-05 PANEL GOLDEN OAK 3,85m 10szt/op	5905952182444	5905952182451		
SXPU-05 3,85 M LENGTH	3025759	SXPU-05-WI	SXPU-05 PANEL OAK WINCHE. 3,85m 10szt/op	5905952270134	5905952270141	10	9,625
	3027121	SXPU-05	SVPU-05 PANEL HONEY OAK 3,85m 10 szt/op	5905952281826	5905952281833	10	9,625

**THANK YOU**