

VOX



SYSTEM MAX -3

Resistance to all conditions





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

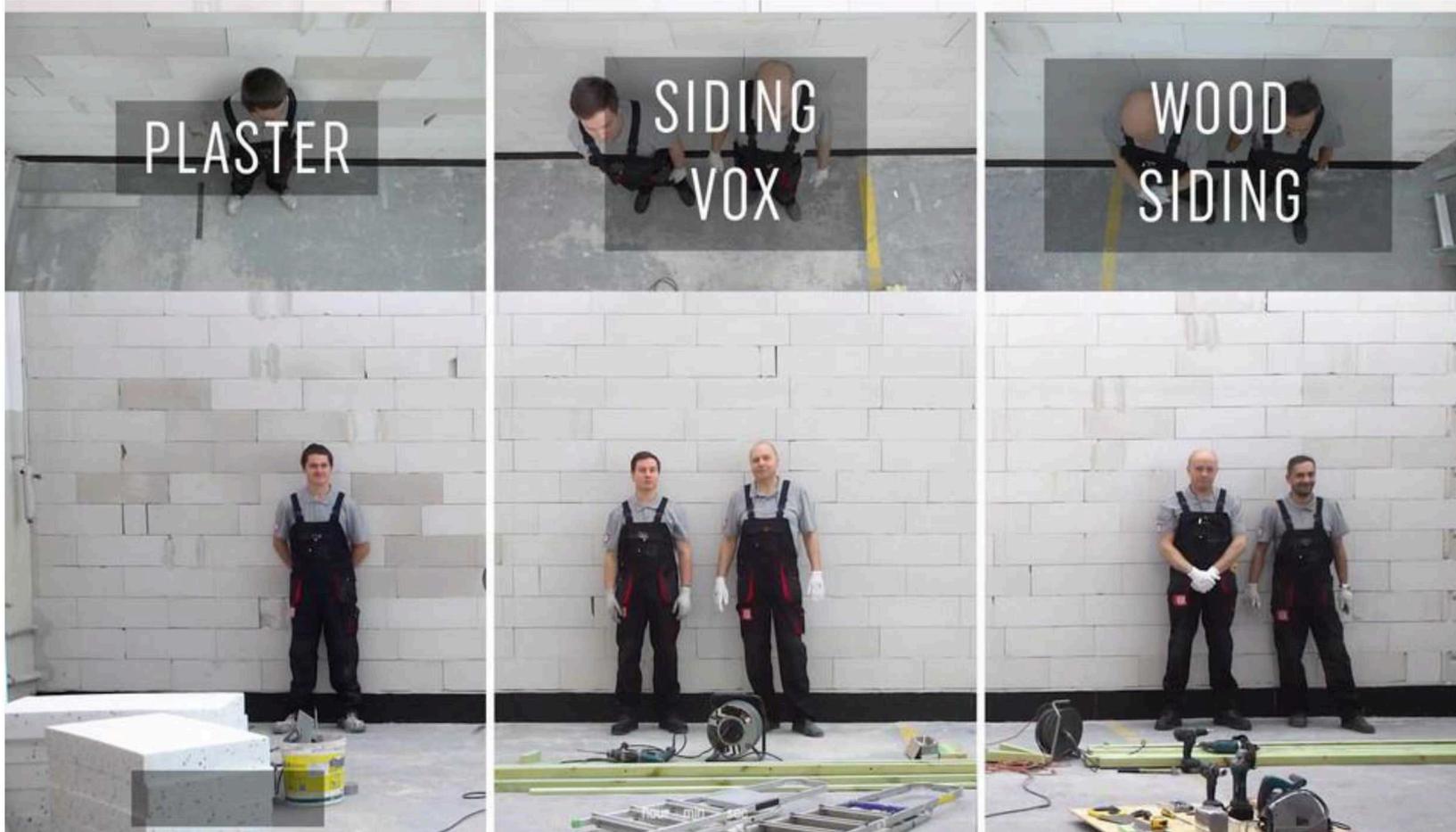
COMPARISON

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

COMPARISON

	MAX-3	METAL SIDING	STANDARD VINYL SIDING
CHEMICAL RESISTANCE	<ul style="list-style-type: none">- slightly resistant to aggressive agents	<ul style="list-style-type: none">- 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	<ul style="list-style-type: none">- slightly resistant to aggressive agents
OTHER	<ul style="list-style-type: none">- easy to repair, since it is enough to dismantle the damaged element and insert a new one in its place- does not corrode	<ul style="list-style-type: none">- façade damages cannot be repaired, damaged panels remain forever- corrosion- poor sound insulation - noisy in the rain	<ul style="list-style-type: none">- easy to repair, since it is enough to dismantle the damaged element and insert a new one in its place- does not corrode

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	low impact resistance
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	material is much heavier, and more difficult to handle, resulting in the length of the assembly, no ready to use finishing elements 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

PATENTED SOLUTIONS

- Made with innovative three-layer technology, Patent VOX - patent pending P.408016.
- Each layer is responsible for specific product properties: high impact strength, limited linear expansion and high resistance to diverse weather conditions.



TECHNOLOGY MAX-3

TOP LAYER

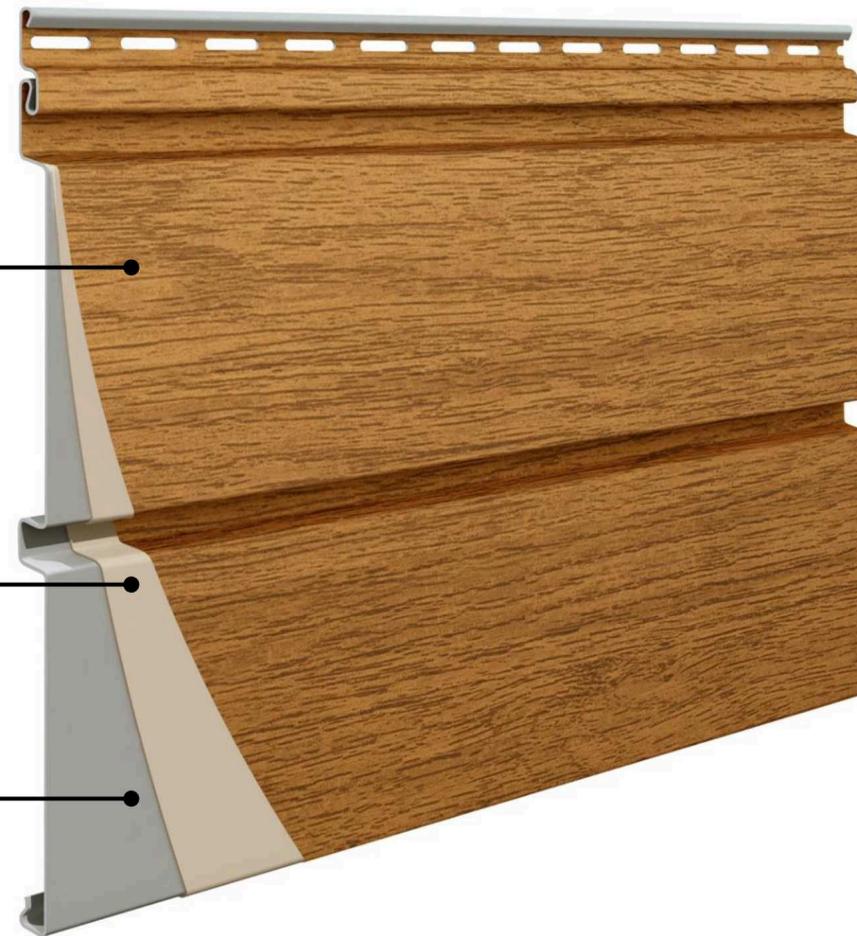
is responsible for increased resistance to UV radiation, perfect wood reproduction and a structure that limits the deposition of dirt

MIDDLE LAYER

is responsible for increased resistance to mechanical damage

BOTTOM LAYER

is responsible for shape stability and enables installation, regardless of the ambient temperature



[See animation](#)

MODERN SOLUTIONS

1. **WINDRESISTANT LOCK**
ensures better adhesion of the panels to the façade and eliminates the noise the panels make in high winds.
2. **CLICK SYSTEM**
allows the panels to be joined quickly and securely for easy installation.
3. **MOUNTING HOLES**
streamline and speed up assembly.
4. **SELF-CLEANING SURFACE**
reduces the build-up of dirt and dust, making it easier to keep the façade clean.



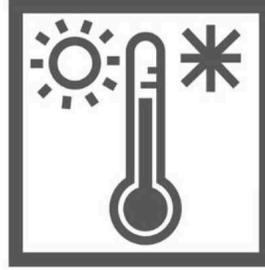
PRODUCT CHARACTERISTICS



Innovative
production
technology



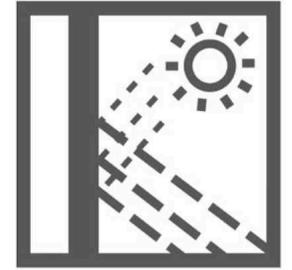
Increased impact
resistance



Resistance to
changing weather
conditions



Natural wood imitation



Increased
UV - resistance



Dirt reducing
surface



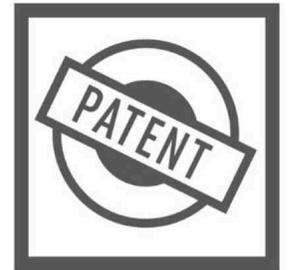
Quick and intuitive
installation



Wind-resistance



30 years
guarantee



Patented solution

COLOURS



Ash



Beech



Oak



Honey Oak



Oak Winchester

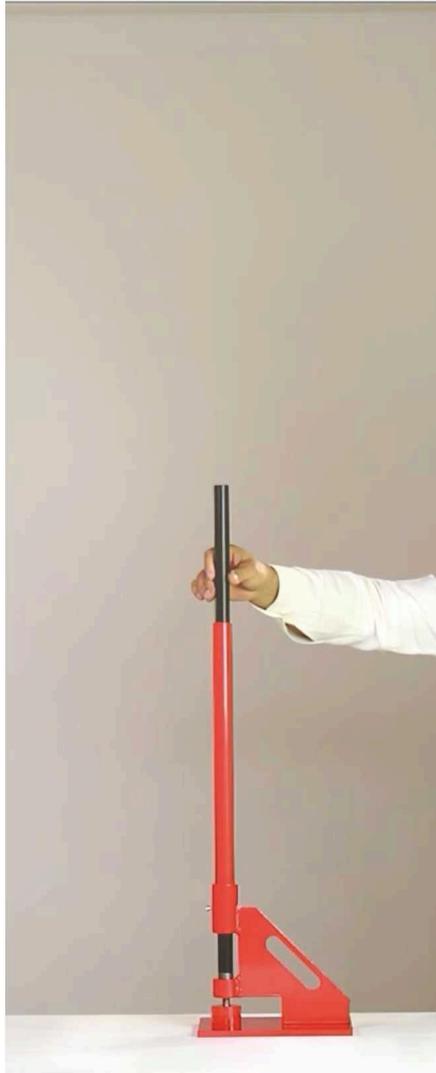


Golden Oak



Walnut

IMPACT RESISTANCE TEST RESULTS – 13,5 J



Standard siding panels



Siding panel in Max-3 Technology



Metal siding panel



Made with Max-3 Technology, the panel exceeds the impact resistance standards for plastic façade coverings by three times.

They are highly resistant to mechanical damage and much more durable.

[See animation](#)

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



WIND-PROOF LOCK

- The shape of the lock ensures a strong hold of 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



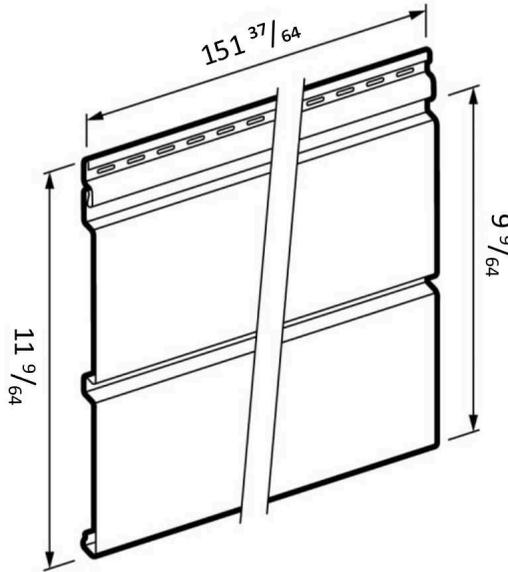
THERMAL PRINTING

- The panels in the Nature collection are made using thermal printing technology, which makes their surface highly resistant to mechanical damage and sunlight.
- The thermo-printing technology enables the wood grain to be reproduced faithfully. Panels stained in this way have a more diverse and unique wood grain.





SYSTEM ELEMENTS



Logistic

Panel type: flat panel

Length: $151 \frac{37}{64}$

Width (usable): $9 \frac{9}{64}$

Width (total): $11 \frac{9}{64}$

Number of pcs. in the package: 10 pcs.

Number of m² in the package (usable): 103,60 ft²

Number of m² in the package (total): 119,35 ft²

SYSTEM ELEMENTS

Logistics

Trims SV(P) - 12, 12.5, 12V, 14, 16.5, 17, 18, 19

Length : $120 \frac{5}{64}$

Number of pcs in a package: 5 pcs.

Number of lm in a package: 50,04 ft

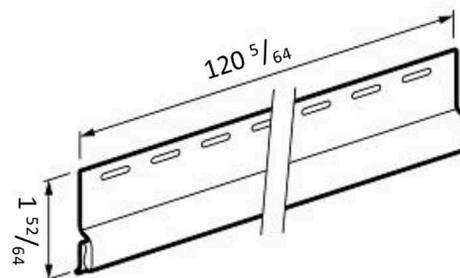
Trims SV(P) – 11, 11.5, 15

Length : $120 \frac{5}{64}$

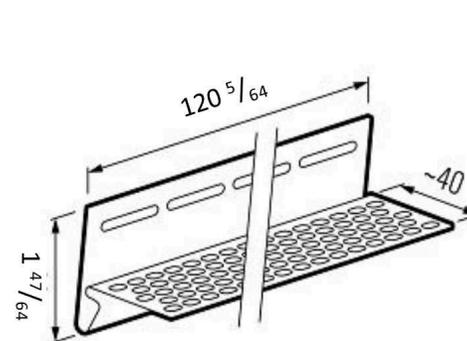
Number of pcs. in a package: 10 pcs.

Number of lm in a package: 98,59 ft

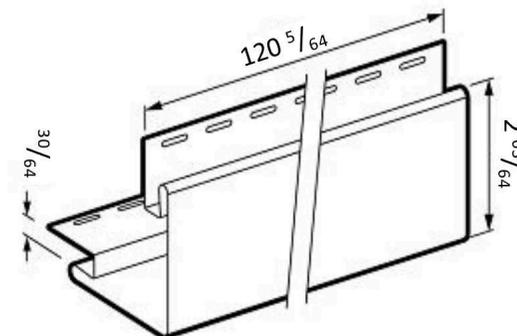
SV 11
Starting trim



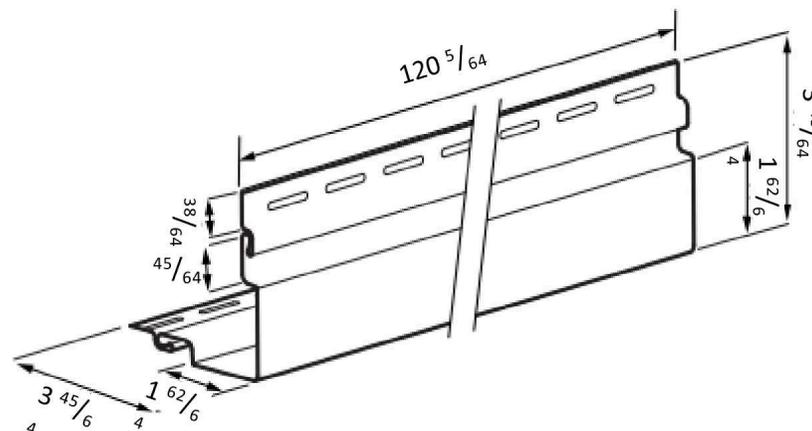
SV 11.5
Bottom ventilation trim



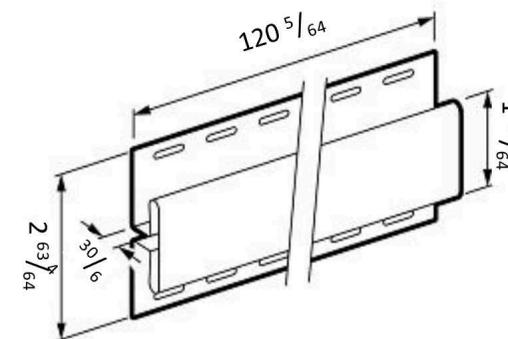
SV(P) 12
Outside corner



SV(P) 12 V
Outside corner for vertical installation

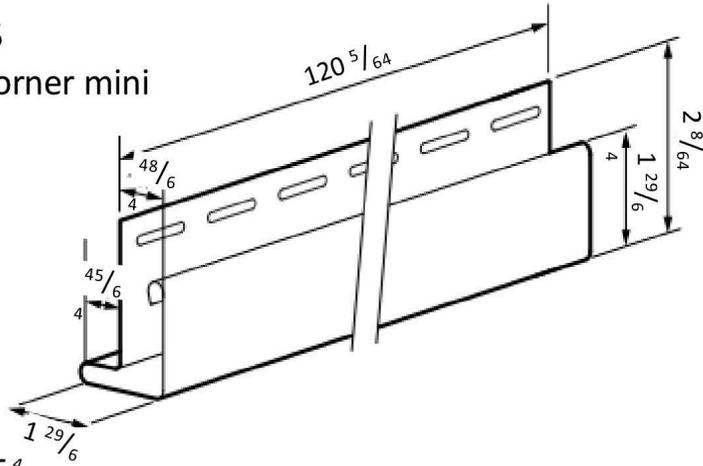


SV(P) 18
Connector

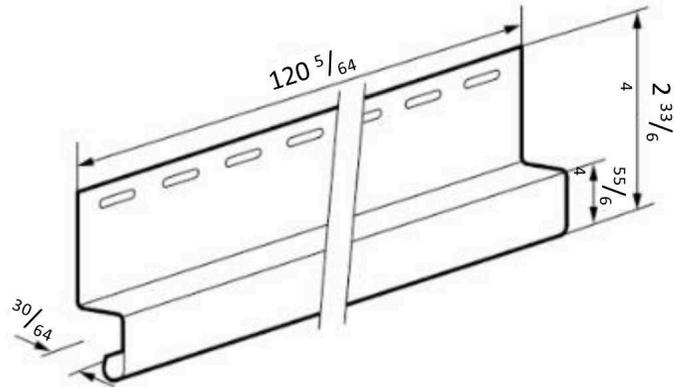


SYSTEM ELEMENTS

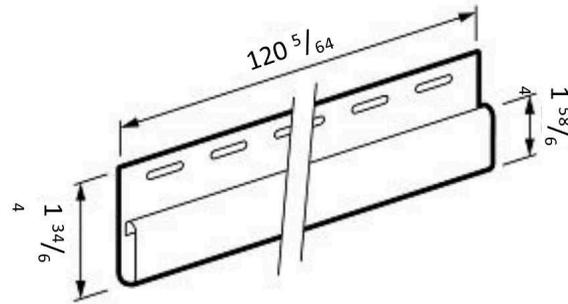
SV(P) 12.5
Outside corner mini



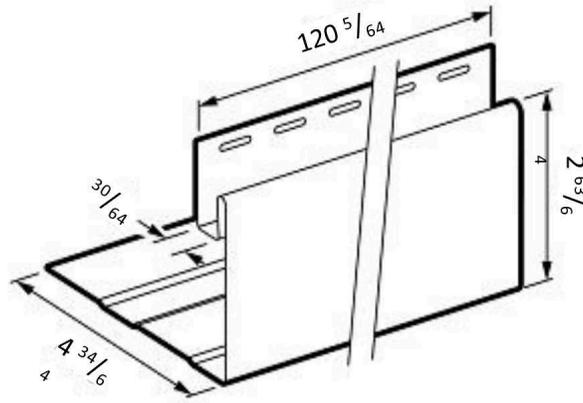
SV(P) 16.5⁴
Drip edge



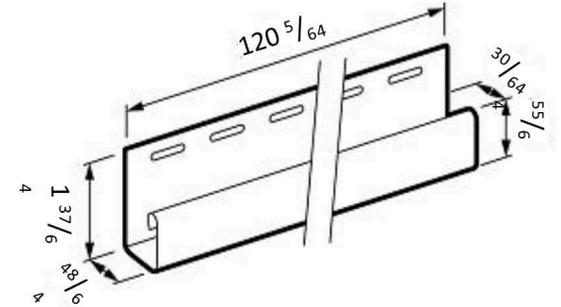
SV(P) 14
Finishing trim



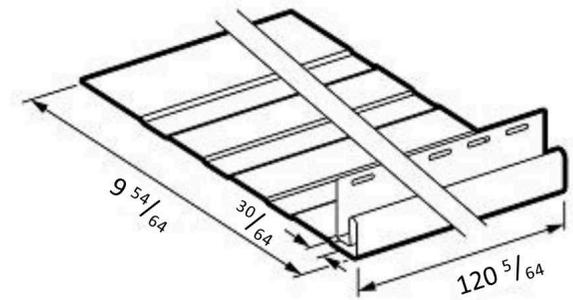
SV 17
Facade flashing small



SV(P) 15
J-trim

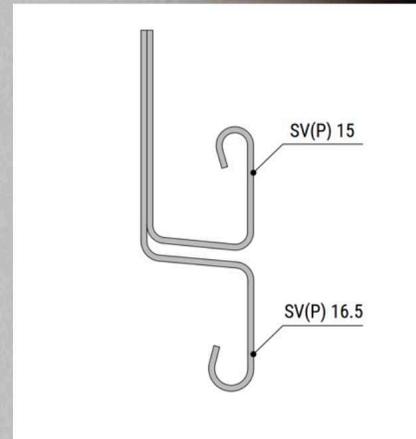


SV(P) 19
Facade flashing large



CHANGES AND REORGANIZATION OF THE FINISHING TRIMS OFFER STAGE 1

- The new SV(P) 16.5 drip edge replaced the SV 16 drip edge.
- The SV(P) 16.5 drip edge is available in wood-like colors and by adding the trim SV(P) 15, it can be used to connect vertically installed panels.
- The SV(P) 19 large façade flashing will be available in wood-like colors to enable aesthetic finishing of door and window openings.
- The SV 17 window flashing changes its name to small facade flashing.







LOGISTIC

TYPE	INDEX	SYMBOL	NAME	EAN (PACKAGE)	EAN (PCS)	PCS IN PACKAGE	FT ² IN PACKAGE
SXP 05 151 ³⁷ / ₆₄	3008865	SXP-05-OA	SXP-05 PANEL OAK 151 ³⁷ / ₆₄ ,10 pcs./pack.	5905952144787	5905952144794	10	103,60
	3008866	SXP-05-BE	SXP-05 PANEL BEECH 151 ³⁷ / ₆₄ ,10 pcs./pack.	5905952144800	5905952144817		
	3008867	SXP-05-ES	SXP-05 PANEL ASH 151 ³⁷ / ₆₄ ,10 pcs./pack.	5905952167625	5905952167632		
	3023169	SXP-05-GO	SXP-05 PANEL GOLDEN OAK 151 ³⁷ / ₆₄ ,10 pcs./pack.	5905952182444	5905952182451		
	3025759	SXPU-05-WI	SXPU-05 PANEL OAK WINCHE. 151 ³⁷ / ₆₄ ,10 pcs./pack.	5905952270134	5905952270141		
	3027121	SXPU-05	SVPU-05 PANEL HONEY OAK 151 ³⁷ / ₆₄ ,10 pcs./pack.	5905952281826	5905952281833		

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