



SAVEWOOD

Russia's Major WPC Products Manufacturer

Better
than
Wood

decking | siding | decorative railings | fences | stairs | multipurpose profiles

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What is **SAVEWOOD** ?

Savewood is the largest producer of high-quality WPC products in Russia and Eastern Europe with the usage of newest technologies in chemical industry.

6000
m² of production
facilities

300 000
linear meters/month

7 500
tons per year

3 750 000
linear meters per year

Savewood company was formed in 2010 and as of today is the biggest Russian producer of wood-polymer composite products (WPC).

Savewood has offices throughout Russia and CIS, in Turkey (Istanbul), as well as a highly diverse chain of retail points of sale spread all over Russia. Savewood has more than 100 highly qualified employees.

Production facilities located in central part of Russia allow Savewood to produce and deliver orders within minimal time frame.

Savewood today

- △ chain of warehouses and more than 15 dealerships within Russia and CIS;
- △ product list consisting of more than 20 items;
- △ any color varieties;
- △ fast and efficient delivery and assembly;
- △ ability to manufacture products with individually selected properties (any profile length, color selection, lowered flammability, etc.);
- △ competitive pricing.



Why is SAVEWOOD WPC BETTER?

Ease of Use and Extended Durability

WPC products are non-vulnerable to heat, cold, rainfall, salty or chlorinated water. They will not lose their appearance within years. Unlike natural wood, there is no need of additional treatment. Due to WPC being unaffected by any weather conditions, deformation or insects, there is no need to change planks which are rotten, warped or damaged by insects.

Safety of use

Unlike the majority of wooden coating materials WPC is a non-toxic and non-flammable product. WPC decking is splinter-free and has non-slippery surface, making your house safer for kids and pets.

Variety of colors and textures

SAVEWOOD offers big variety of different profiles from simple glossy or matte to profiles that totally replicate texture of natural wood. Upon purchase of our products with picking one of the main five colors in SAVEWOOD color palette you can stop thinking about any maintenance for a long period of time.

Significant Long-Term Economy

Probably you are thinking whether it is a right decision to use WPC in decking, siding or fencing while cost of ordinary wood is less. However if you take into consideration the ability of wood-polymer composites to sustain any weather conditions, deformation, insects, along with no need of purchasing special cleaning and protecting treatment, within not more then 5 years of exploitation your SAVEWOOD terrace, fence or siding will totally pay off and will continue to serve you further on.

Quality Approved by Russian Academy of Sciences

All of SAVEWOOD WPC products meet highest quality standards. Our formulas and products undergo chemical, physical and mechanical tests on a regular basis at A.N.Nesmeyanov Institute of Organoelement Compounds of Russian Academy of Sciences (INEOS RAS).

Our decking is...



MOISTURE-RESISTANT

recommended for outdoor use,
does not absorb moisture



ECO-FRIENDLY

environmentally friendly and safe material,
fully recyclable and reusable



FIREPROOF

fire-safe, does not burn,
can not become a source of flame



NOT AFFECTED BY PESTS

resistant to woodworms,
fungi and parasites



EASY TO INSTALL

WPC can be mounted by people with mini-
mum of building skills



PERFECT LOOK OVER TIME

if not treated, wood loses its qualities
and appearance, while WPC stays
looking new

The Right Base

We've been often asked: "Why does SAVEWOOD use Polyvinyl Chloride (PVC) as base for its products, despite the fact that it's a more complex material for production process compared to Polyethylene (PE) or (a slightly less popular option) Polypropylene (PP), that are more widely used in production of WPC products.

The Answer is simple.

Originally, the main polymer that was used for production on our facilities was Low Pressure Polymer (LPP). However, after few years of usage we encountered inadequate ratio between LPP's high price and its low strength properties, durability and bad heat resistance of final product.

Below using technical terms we would try to explain why SAVEWOOD has decided to use PVC.

Comparison of PVC, PE and PP

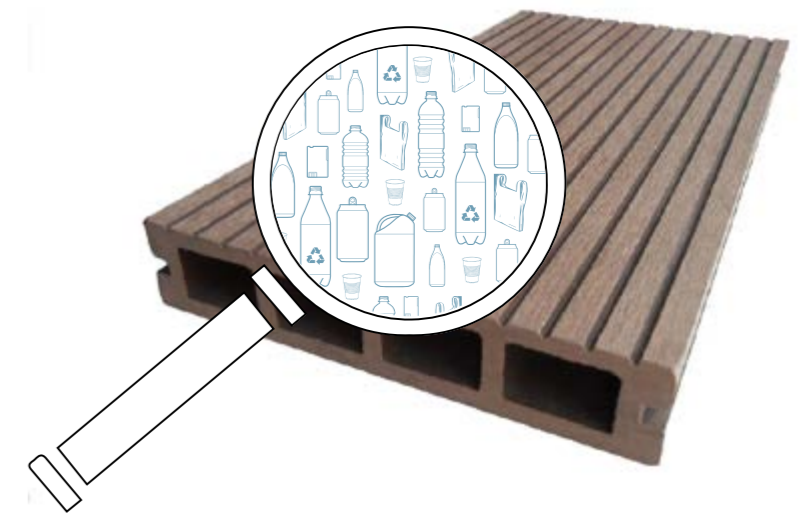
Polymer base	PVC	PE	PP
	60 rub/kg*	100 rub/kg*	90 rub/kg*
Density g/cm3	1,34 – 1,44	0,94 – 0,96	0,9 – 0,91
Flammability	✓ flash-resistant material, self-extinguishing	✗ flammable material	✗ flammable material
UV Sustainability and Weather Sensitivity	✗ photodegradable	✗ photodegradable, vulnerable to oxygen ✗ softens at high temperatures	✗ photodegradable, vulnerable to oxygen ✗ fragile at low temperatures
Endurance to aggressive environment	<ul style="list-style-type: none"> ✓ acids ✓ alkalis ✓ salts ✓ aldehydes ✓ oils ✓ fats 	<ul style="list-style-type: none"> ✓ acids ✓ alkalis ✓ salts 	<ul style="list-style-type: none"> ✓ acids ✓ alkalis ✓ salts

* Price of raw material (average price in 9 months of 2015)

Out of the above comparison it can be concluded that all polymers have their advantages and disadvantages. Lets discuss in depth usage of recycled polymers as base for production.

Currently for WPC based production in recycled materials are commonly used, i.e. previously used material. Secondly PVC in pure form does not exist. From ready composure of PE and PP a lot of things are used in daily life, including caps, canisters, boxes, watering pots, jugs, bags, stretch film, cups, packing and many more. PE products – leader for ending up in a dump. There PE trash is collected, melted down, colorized and sold as recycled product.

“What ends up in recycled PE alongside the main ingredient is unknown, but it decreases PE parameters up to 50% from its initial features. That is why it is hard to count on good quality final products while using recycled PE.



Undoubtedly, waste has to be taken care of and treated on a global scale, but products based on recycled ingredients can not sustain sunlight and mechanical pressure. In many cases recycled ingredients are used to run down costs of final product. Identifying quality of final product is only possible within usage period (from 6 months to 3 years).

Some manufactures try to disguise this downsides by using additives that stabilize recycled polymers parameters, adding 10-15% to costs of production.

There are successful cases of using recycled polymers in WPC production. American producer of WPC products TREX Company uses recycled polymers for inner part of their products coating outside with first-grade stabilized polymers, which results in higher durability and better outlook of the product as well as higher pricing.



“With PE-based WPC products buyer always faces a dilemma – purchasing not expensive low quality product or paying high price for quality.

All of the above said is not a mere assertion but a conclusion based on own experience. Below are visual results of recycled base WPC products. Samples were installed outside a countryside house in 2012 and were exposed to sunlight, rain and cold.



Deck based on primary PE

Deck based on recycled PE

Deck based on repeatedly recycled PE

High quality WPC products are always a complex composition of real wood, polymers, additives and pigments which meet highest standards. This is why the origin and quality of the base polymer are essential.

Below is a comparison table of WPC products with PVC, PE and PP-based decking as an example.

WPC Decking Comparison according to Base

Polymer base	PVC	PE	PP
Filling	M-180 wood pulp is used in a form of fine-grained powder, thus making the final product very solid	M-400 wood pulp is used, it has twice bigger fracture size, compared to PVC making final product less solid	M-400 wood pulp is used, it has twice bigger fracture size, compared to PVC making final product less solid
Basic physical and mechanical properties	★★★	★	★★
Density, kg/cm ³	1200-1300	1000-1100	1050-1200
Brinell hardness, N/mm ²	110-160	90	100
Binding strength, Mpa	55-60	25-30	30-35
Tensile strength, MPa	30	18	22
Fire safety	burns only next to open flame	inflammable material	inflammable material
UV light and weather resistance	keeps its appearance and physical and mechanical properties at temperatures from -50°C to +60°C	product softens under UV light and can deform	product becomes fragile at low temperatures

15 years of warranty from SAVEWOOD

Based on above information, you can make a decision on your own and choose the product which would be safe for you and your family and will keep its properties and appearance within several years of use. With proper installation and use your SAVEWOOD products would serve you for many years without deformation, cracking and decay and will not be damaged under significant temperature drops.

SAVEWOOD keeps its development up to date. Respecting our customers' needs we are using modern technologies in WPC production process and are constantly upgrading formulas, based on our in-house research and development. Our aim is to produce high quality product that would sustain the test of time.

By choosing SAVEWOOD you can be assured with making the right choice, as we are a company that possesses significant experience in production of polymer composites along with our innovative approach. Being aimed at highest production quality, we confidently offer our clients 15 years of warranty on our products.



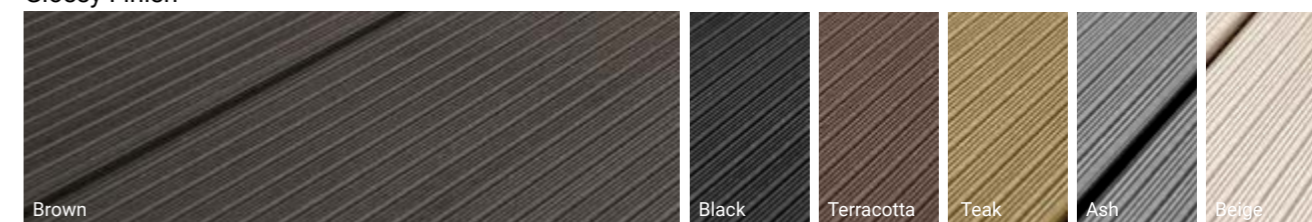


Product Finish Types

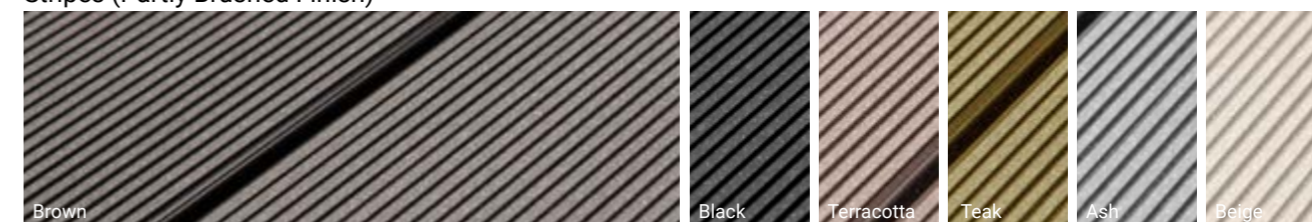
Savewood products come in five different finish types: brushed finish (with thin top layer removed by special metal brushes), glossy finish (no surface treatment), stripes (top layer sanded off while deeper-laid areas remain untreated to form lighter striped pattern), two types of embossed wood patterns: radial cut (in products marked with R) and tangential cut (in products marked with T), and a combined type – glossy stripes with embossed wood pattern.

Brushed surface is most resistant to abrasion and UV-radiation. Glossy finish is more subject to color fading when exposed to sun rays, however its original look can be easily restored by applying wood oil.

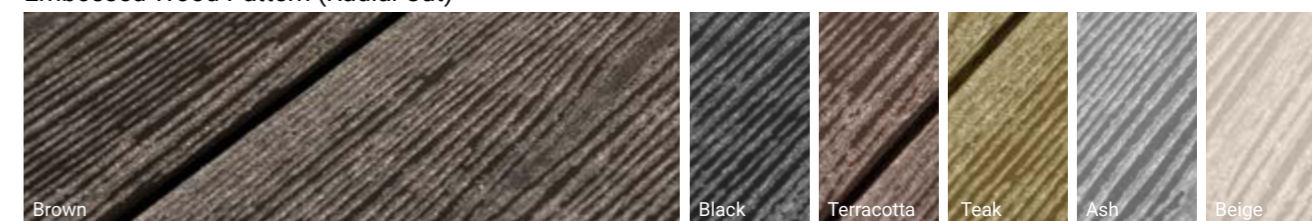
Glossy Finish



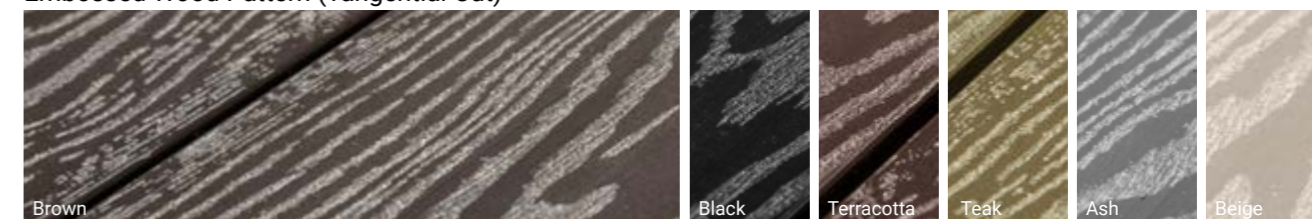
Stripes (Partly Brushed Finish)



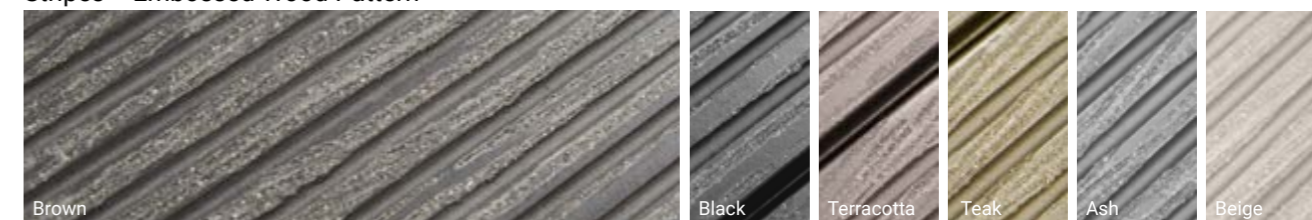
Embossed Wood Pattern (Radial Cut)



Embossed Wood Pattern (Tangential Cut)



Stripes + Embossed Wood Pattern



Decking

△ **Standard** is a collection of decking with moderate strength properties designed for private spaces such as terraces and balconies. The collection includes one classic profile and two seamless profiles.

SW Salix



Profile with rounded edges which allow to perform installation without finishing planks or end cleats. Long-lasting product with outstanding looks for reasonable pricing. Top-seller among Savewood family of products. Anti-slip surface makes SW Salix a great option for piers and swimming pool areas.

SW Ulmus



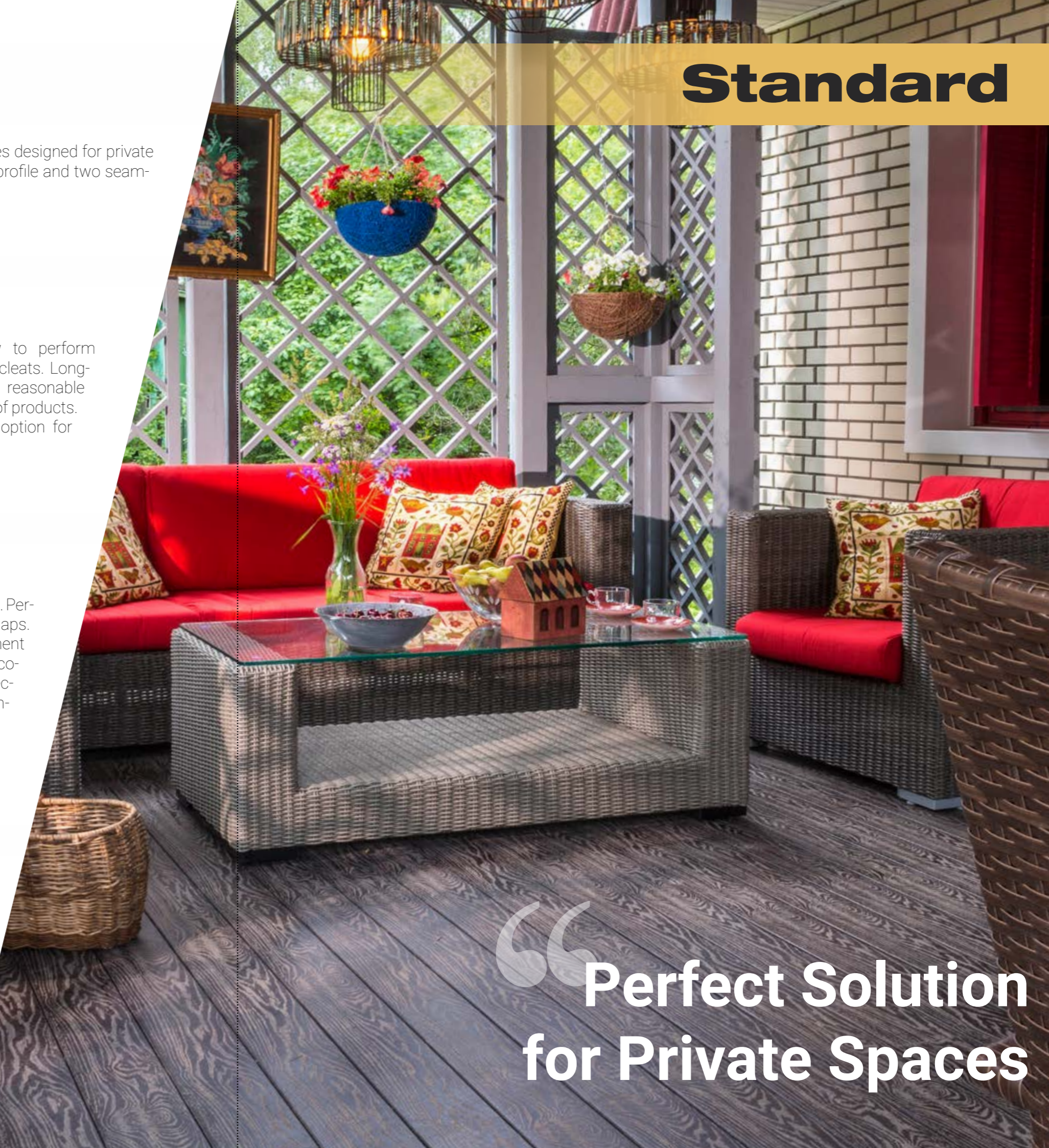
Seamless profile. Wide-striped brushed finish. Perfect for a continuous even surface without gaps. SW Ulmus is popular within urban environment and private housing: covered terraces, balconies and mansards. Seamless decking is recommended for use in covered spaces or under canopies.

SW Padus



SW Padus is a unique seamless profile with wood texture. This profile is complemented with a start and end caps which cover the edges of the deck to make your terrace have a more complete and solid look. Seamless decking is recommended for use in covered spaces or under canopies.

Standard



“ Perfect Solution
for Private Spaces

Decking

△ SAVEWOOD **Standard-Plus** is a line of reinforced decking designated for public and commercial spaces with high pedestrian traffic such as parks, restaurants, quays. All Standard-Plus profiles have special reinforced geometry and thicker stiffeners. The collection features a choice of seamless and regular profiles with a wide choice of textures.

SW Ornus



SW Ornus is designed to be used on private spaces and public spaces without high pedestrian traffic. This decking profile has wood texture on one side and wide stripes with embossed wood pattern on opposite side.

SW Salix (S)



Reinforced version of SW Salix. Profile with rounded edges which allow to perform installation without finishing planks or end cleats. Available with wood texture or glossy anti-slip surface.

SW Carpinus



SW Carpinus is a high-durability profile at a relatively low price. Designed for use in both commercial and private places. 22 mm profile thickness. Brushed wide-striped surface.

Standard-Plus



“ Big Variety
of Textures and Finishes
for Commercial Spaces

Decking

△ **Pro** decking is a set of heavy-duty WPC profiles for use on outdoor and indoor public spaces of large areas with high pedestrian flow. Pro decking is suitable for projects such as restaurants, dance halls, parks and other public platforms, but can also be used for private areas as well. All products in this collection have reinforced structure and thicker walls and stiffeners.

SW Fagus



SW Fagus is a multipurpose profile with wood texture on both sides and is perfect for those who wish to add a touch of natural wood look to their project while using more durable WPC rather than real wood. With its both sides textured, SW Fagus can also be used for fencing.

SW Quercus



Reinforced decking profile suitable for large public spaces. Anti-slip glossy surface.



“Great Durability,
Great Looks”



Pro

Decking

Advanced

△ **Advanced** is a new type of SAVEWOOD decking featuring solid boards of high density made with high-quality WPC. This decking has unsurpassable durability and resistibility characteristics.

SW Abies

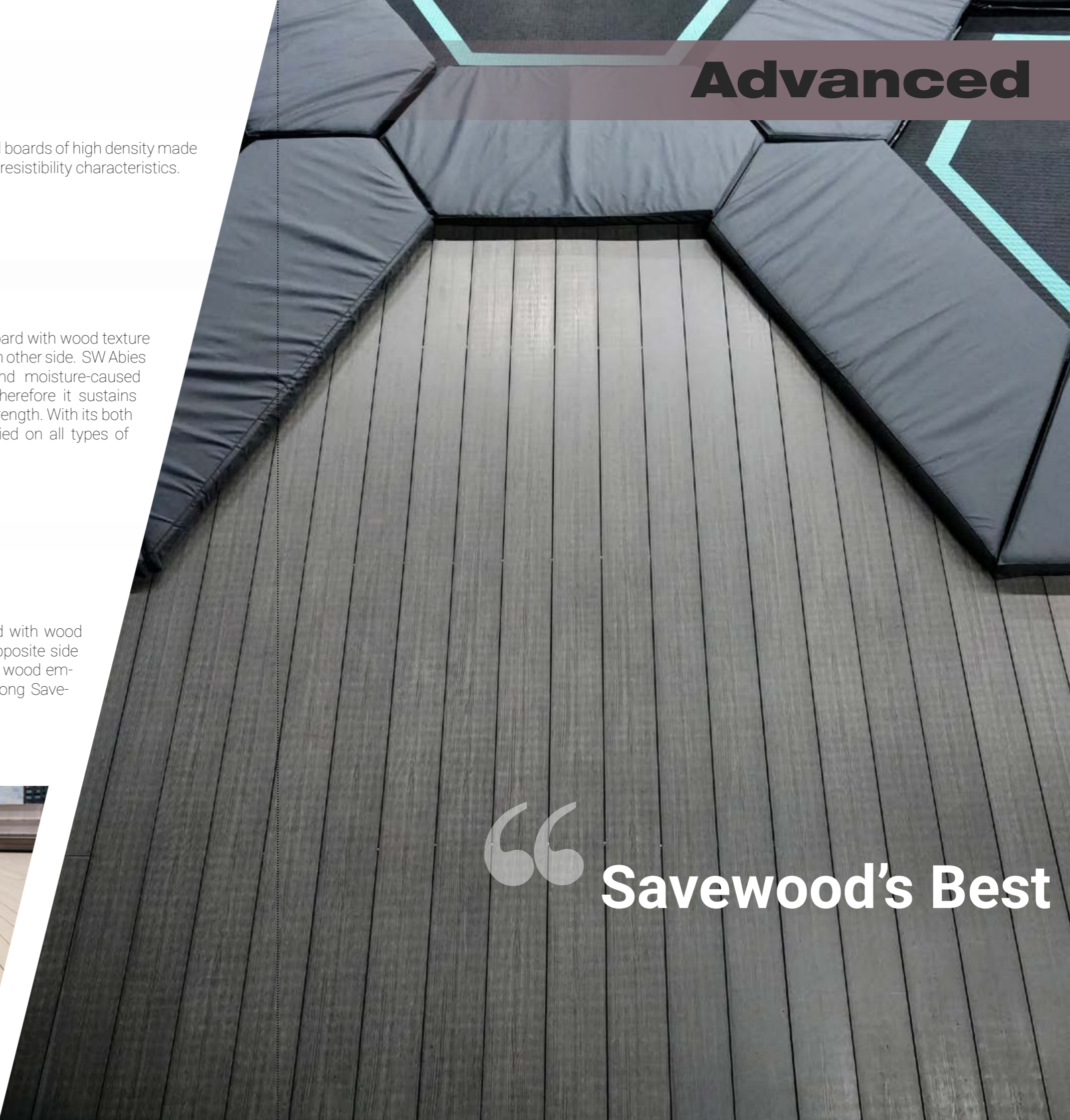


SW Abies is a multipurpose solid WPC board with wood texture on one side and brushed narrow stripes on other side. SW Abies has extremely low linear expansion and moisture-caused swelling rates. Profile of high density, therefore it sustains heavy loads and features great impact strength. With its both sides textured, SW Abies could be applied on all types of projects.

SW Fraxinus



SW Fraxinus is a solid decking board with wood texture on one side and stripes on opposite side (stripes can be matte sanded or with wood embossed pattern). Thinnest profile among Save-wood decking – 22 mm.



“ **Savewood’s Best** ”

Siding



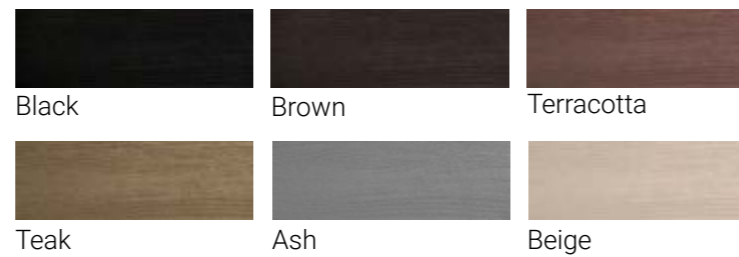
△ Siding by SAVEWOOD is remarkable due to its zero maintenance costs, structural safety and DIY installation, while its unique finish gives the look and feel of natural wood paneling.

SW CEDRUS



PVC-based profile with texture of radially or tangentially cut wood.

Available colors



SW SORBUS



Reinforced PVC-based profile with texture of radially or tangentially cut wood.

Available colors



SW ARBOR Decorative Railings



△ Assembled decorative railing SW Arbor will provide a final touch to design of your terrace, porch or stairs. There are many different composition options available.



Available colors



SW AGGER Fencing



△ SW Agger fencing profile is distinct by ease of use and extended life cycle. SAVEWOOD fencing system has no need for any after-sale maintenance. This fencing's brushed finish gives it a natural and stylish look. SW Agger can be also used for gates and garage doors.

WPC Fence Designs

△ Not just SW Agger can be used for building fences, but also a majority of SAVEWOOD products, such as decking, Planken and SW Arbor railing elements.



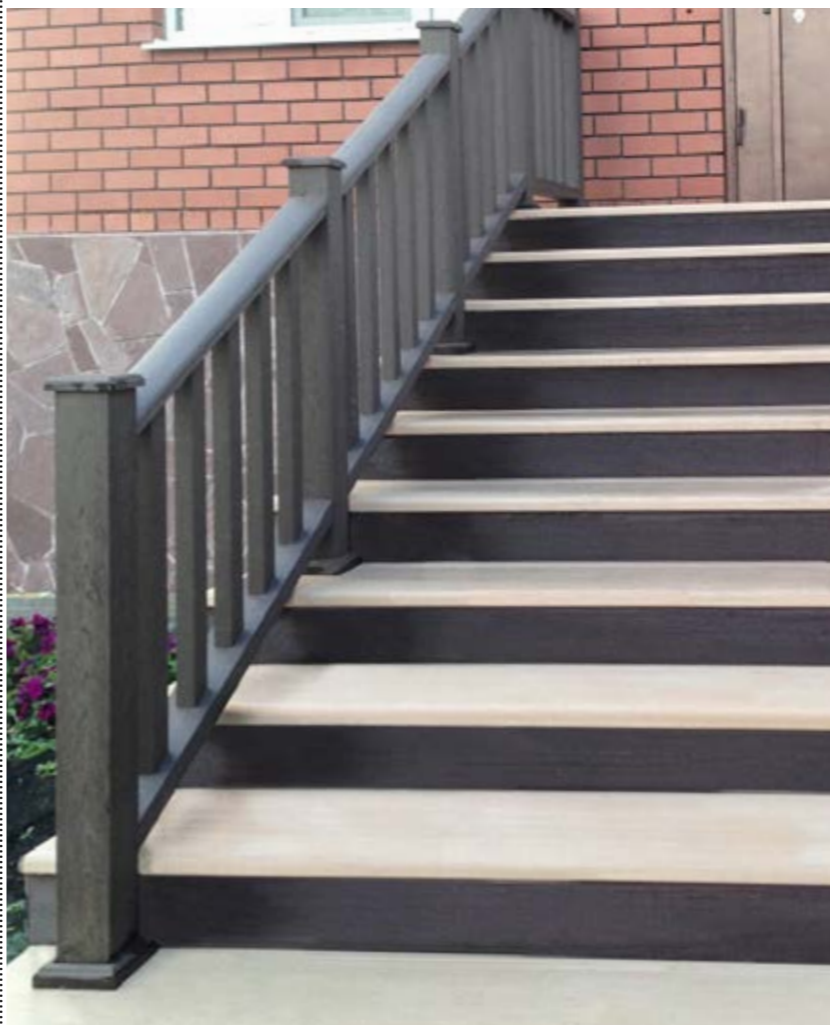
Available colors



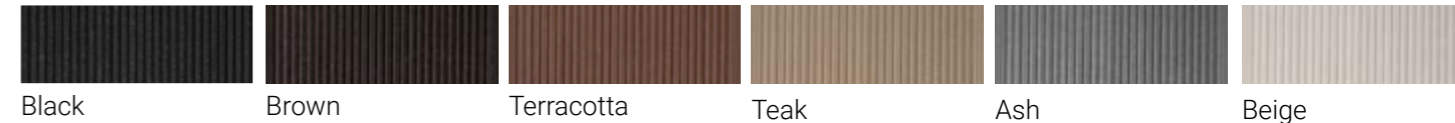
SW RADIX Stairs



△ SW Radix is a profile specifically designed for stairs. Can be perfectly combined with SW Salix decking.



Available colors



Product list

decking & wall panels



SW ABIES

Advanced



Size: 141 mm X 27 mm
Expenditure: 6,8 l.m/m²
Piece length: 3 m, 4 m

Description: solid double-sided profile (stripes/ embossed pattern)
Colors: black, brown, terracotta, teak, ash, beige

Profile cross-section

SW FRAXINUS

Advanced



Size: 146 mm X 22 mm
Expenditure: 6,6 l.m/m²
Piece length: 3 m, 4 m

Description: solid double-sided profile (stripes (glossy textured or matte)/ embossed pattern)
Colors: black, brown, terracotta, teak, ash, beige

Profile cross-section

SW FAGUS

Pro



Size: 144 mm X 28 mm
Expenditure: 6,71 l.m/m²
Piece length: 4 m, 6 m

Description: embossed pattern (tangential/radial), double-sided
Colors: black, brown, terracotta, teak, ash, beige

Profile cross-section

SW QUERCUS

Pro



Size: 163 mm X 25 mm
Expenditure: 6,0 l.m/m²
Piece length: 4 m, 6 m

Description: reinforced structure, anti-slip stripes, glossy finish
Colors: black, brown, terracotta, teak, ash, beige

Profile cross-section

SW SALIX-S

Standard-Plus



Size: 163 mm X 25 mm
Expenditure: 6,0 l.m/m²
Piece length: 4 m, 6 m

Description: closed edges, reinforced structure, embossed pattern (tangential/radial)
Colors: black, brown, terracotta, teak, ash, beige

Profile cross-section

SW ORNUS

Standard-Plus



Size: 144 mm X 26 mm
Expenditure: 6,71 l.m/m²
Piece length: 4 m, 6 m

Description: reinforced structure, double-sided (embossed texture/textured stripes)
Colors: black, brown, terracotta, teak, ash, beige

Profile cross-section

SW CARPINUS

Standard-Plus



Size: 146 mm X 22 mm
Expenditure: 6,6 l.m/m²
Piece length: 4 m, 6 m

Description: double-sided (embossed pattern and glossy textured/matte stripes)
Colors: black, brown, terracotta, teak, ash, beige

Profile cross-section

SW PADUS

Standard



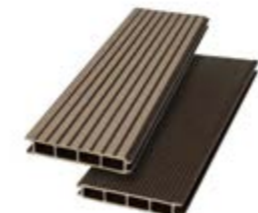
Size: 155 mm X 25 mm
Expenditure: 7,75 l.m/m²
Piece length: 4 m, 6 m

Description: seamless, embossed pattern (tangential/radial)
Colors: black, brown, terracotta, teak, ash, beige

Profiles cross-section

SW ULMUS

Standard



Size: 148 mm X 25 mm
Expenditure: 7,0 l.m/m²
Piece length: 4 m, 6 m

Description: seamless, wide stripes
Colors: black, brown, terracotta, teak, ash, beige

Profile cross-section

SW SALIX

Standard



Size: 163 mm X 25 mm
Expenditure: 6,0 l.m/m²
Piece length: 4 m, 6 m

Description: closed edges, glossy ribbed finish
Colors: black, brown, terracotta, teak, ash, beige

Profile cross-section

SW SORBUS

Description: wall panel, reinforced structure, embossed pattern (tangential/radial)
Colors: black, brown, terracotta, teak, ash, beige



Size: 157 mm X 20 mm
Expenditure: 7,33 l.m/m²
Piece length: 4 m

Profile cross-section

SW CEDRUS

Description: wall panel, embossed pattern (tangential/radial)
Colors: black, brown, terracotta, teak, ash, beige



Size: 188 mm X 12 mm
Expenditure: 5,85 l.m/m²
Piece length: 4 m

Profile cross-section

Product list

stairs, fencing, decorative railings, WPC accessories



SW RADIX



Size: 320 mm X 25 mm
Piece length: 4 m

Description: stair profile, glossy ribbed finish, fits best with SW Salix decking

Colors: black, brown, terracotta, teak, ash, beige

Profile cross-section

SW AGGER



Размеры: 212 mm X 28 mm
Expenditure: 5,0 l.m/m
Piece length: 4 m

Description: fence profile, double-sided, brushed/glossy ribbed finish

Colors: black, brown, terracotta, teak, ash, beige

Profiles cross-section

SW ARBOR

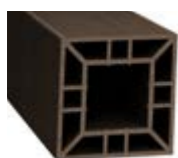


Piece length: 4 m

Description: Decorative fence, brushed/glossy ribbed finish

Colors: black, brown, terracotta, teak, ash, beige

Decorative Railing Components



Big Post
120 mm X 120 mm



Railing
86 mm X 32 mm



Multipurpose Beam
70 mm X 40 mm



Small Post
70 mm X 70 mm



Baluster
50 mm X 31 mm



Post Cap
130 mm X 130 mm

Railing Assembly Options



SW Arbor-Olia



SW Arbor-Atropa



SW Arbor-Salvia



SW Arbor-Ulex



SW Arbor-Vitis



SW Arbor-Prunus



SW Arbor-Bixa



SW Arbor-Carlina

MOUNTING LAG



Size: 50 mm X 40 mm
Piece length: 4 m

Description: reinforced mounting lag

Color: brown

Profile cross-section

MULTIPURPOSE LAG



Size: 48 mm X 33 mm
Piece length: 4 m

Description: mounting lag, multipurpose use, glossy finish

Color: brown

Profile cross-section

SOLID BEAM



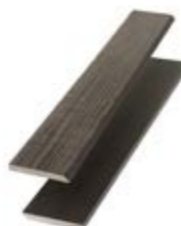
Size: 50 mm X 31 mm
Piece length: 4 m

Description: multipurpose plank for covering edges, glossy ribbed finish/embossed pattern (radial)

Colors: black, brown, terracotta, teak, ash, beige

Profile cross-section

EDGE PLANK



Size: 80 mm X 9 mm
Piece length: 4 m

Description: multipurpose plank for covering edges, embossed pattern (tangential/radial)

Colors: black, brown, terracotta, teak, ash, beige

Profile cross-section

PLANKEN



Size: 150 mm X 10 mm
Piece length: 4 m

Description: multipurpose plank for under stairs, embossed pattern (tangential/radial)

Colors: black, brown, terracotta, teak, ash, beige

Profile cross-section

F-PROFILE



Size: 65 mm X 30 mm
Piece length: 4 m

Description: edge-covering profile

Colors: black, brown, terracotta, teak, ash, beige

Profile cross-section

CORNER PROFILE



Size:
40 mm X 40 mm X 5 mm
Piece length: 4 m

Description: edge, corner and joint-covering profile, ribbed finish

Colors: black, brown, terracotta, teak, ash, beige

Profile cross-section

Paver Pedestal Systems

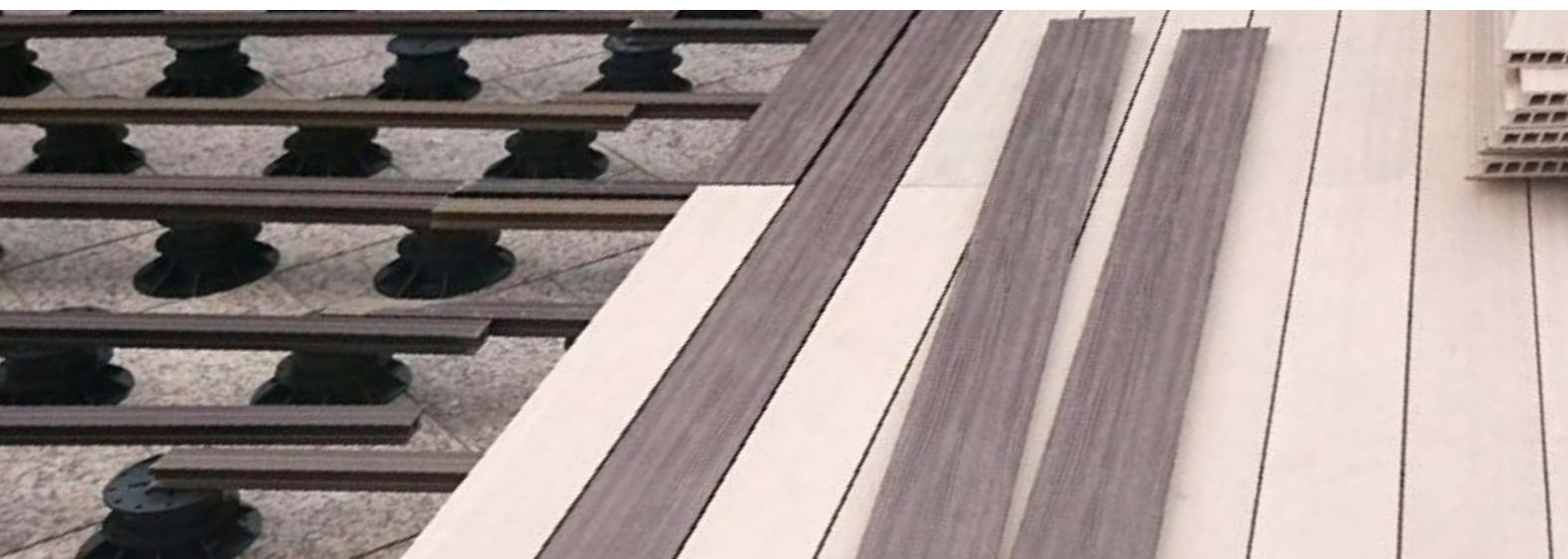
SAVEWOOD Paver Pedestal Systems (manufactured by Armada Groupe, Turkey) are used for correcting heights and ground inclination leveling. They can be used on all workable areas, terraces, balconies, rooftops, technical platforms, around pools under decking, in any closed or open areas.

SAVEWOOD pedestals can range in height from 14 mm to 650 mm and can be applicable under various flooring (WPC or wood decking, tiles, granite, glass etc.).



Advantages of SAVEDOOD Paver Pedestal Systems

- △ SAVEDOOD Pedestals have high load resistance (can carry from 800 to 1200 kg/piece).
- △ SAVEDOOD Pedestals are made of durable frost-resistant polypropylene. Pedestals and accessories are moist-proof, they do not crack and rot, thus they can be used in all weather conditions.
- △ Lightweight polypropylene composition of pedestals noticeably decreases weight of the structure in comparison with wooden or metal frames.
- △ Easy mounting makes installation process fast and non-costly. Dismounting the pedestal structure is as simple as mounting it, and this greatly simplifies access to the inside of the structure in cases when service or additional cabling is required.
- △ SAVEDOOD Paver Pedestal Systems can be installed on any solid surfaces, as well as directly on insulation layer. Large bases of pedestals spread the weight evenly.
- △ Joints on the pedestals provide rapid drainage, thus there is no water accumulation on the floors.



SAVEWOOD S

SAVEWOOD S Adjustable Pedestals are suitable for large spaces, in big public areas. Maximum load 1200 kg per piece. Height range 35-185 mm.



SAVEWOOD S0 adjustable height 35-50 mm

SAVEWOOD S1 adjustable height 50-75 mm

SAVEWOOD S2 adjustable height 75-115 mm

SAVEWOOD S3 adjustable height 110-185 mm

SAVEWOOD SE

SAVEWOOD SE Adjustable Pedestals are suitable for large spaces, in big public areas. Maximum load 950 kg per piece. Height range 35-185 mm.



SAVEWOOD SE0 adjustable height 35-50 mm

SAVEWOOD SE1 adjustable height 50-75 mm

SAVEWOOD SE2 adjustable height 75-115 mm

SAVEWOOD SE3 adjustable height 110-185 mm

SAVEWOOD SP

SAVEWOOD SP Adjustable Pedestals are suitable for terraces or balconies. Maximum load 800 kg per piece. Height range 35-260 mm.



SAVEWOOD SP1 adjustable height 35-50 mm

SAVEWOOD SP2 adjustable height 50-80 mm

SAVEWOOD SP3 adjustable height 80-140 mm

SAVEWOOD SP4a adjustable height 140-260 mm

SAVEWOOD SPF

SAVEWOOD SPF Fixed Pedestals are used for leveling areas with moderate height differences. Built-in lag or tile holders. Height range 14-23 mm.



SAVEWOOD SPF1 height 14 mm

SAVEWOOD SPF2 height 18 mm

SAVEWOOD SPF3 height 23 mm

ACCESSORIES

SAVEWOOD Adjustable Pedestals accessories.



SAVEWOOD SC extension sleeve

SAVEWOOD SC2 incline corrector 2%

SAVEWOOD SC3 incline corrector 3%

SAVEWOOD SLC fixator

SAVEWOOD SH1 rubber liner

SAVEWOOD SH2 rubber liner

SAVEWOOD SJ3 tile separator

SAVEWOOD SJ5 tile separator

SAVEWOOD SJP tile separator

SAVEWOOD SWA lag mount

Our Services



Project design

Delivering drawings and technical projects with explanation of main technical and economical features, 3D modelling.



Installation

Installation with all levels of complexity is carried out by our in-house installation professionals.



Delivery

Our delivery service will take all the necessary care for your Order to be delivered in time to any part within Russia and beyond.



Measurement services

Our specialist will visit your site to make exact measurements and provide valuable advise on possible solutions.



Seasonal Storage

If your usage of our products (i.e. terraces/ decorative fencing) are seasonal and does require storage during a certain period within year we are offering storage at our facilities with disassembling/ assembling in one package



Special Offers for Specialists

We are aimed at setting up mutually beneficial relationships with architects, designers, project developers and other specialists engaged in construction or refinement.



Aftersales service

After becoming our customer you can count on full life-cycle servicing of our products..



Warranty Certificate

We grant up to 15 years of warranty on our products subject to installation and maintenance being performed by SAVEWOOD.





decking | siding | decorative railings | fences | stairs | multipurpose profiles



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