



Lightweight, quiet, and
durable roofing made
from recycled materials

Roofs New
generation



LOW WEIGHT

Does not weigh down the
roof structure, even during
renovation.



QUIET IN THE RAIN

No clanging of metal in
the attic



MADE FROM RECYCLED MATERIALS

Giving plastics and composites
a second life.



THE FORTEGA BRAND STORY

From the first plastic template to next-generation roofs

1991

The Founding of Fortemix

The family-owned company is founded in Paskov and begins manufacturing industrial flooring and building materials for the Czech market.

2013

First generation of plastic templates

The first plastic roofing material enters the market as a lightweight and durable alternative to asbestos cement and fiber-cement roofing tiles.

2018

Plastic roofing tiles become part of Fortemix

The brand of plastic roofing tiles joins the Fortemix group, gaining a strong manufacturing and development base and expands its exports.

2021

Development of large-format roofing

A new composite system of large-format panels inspired by Canadian shingles is created, forming the basis of today's Fortega Neo roofing.

2025

Fortega Tradition and Flex Series

Launch of the complete Fortega roofing system: Neo, Tradition, and Flex for new construction and renovations.

The first lightweight plastic shingle

It all began with a simple requirement: to replace old asbestos cement and fiber cement with something lighter, more durable, and safer for both people and the environment. This led to the creation of the first generation of lightweight plastic tiles, which successfully combined the look of a classic Czech roof with modern materials. Thanks to their low weight, it was not necessary to reinforce the roof trusses, and roofers appreciated that installation could be handled similarly to that of familiar fiber-cement tiles.

Gradually, those first few roofs grew into hundreds and thousands of installations. Homeowners appreciate that even if moss does appear, the roofing remains fully functional and, thanks to its walkability, allows for easy maintenance. At the same time, it is resistant to damage, and during rain, the attic is significantly quieter than under metal roofing. Plastic shingles have thus gradually become a viable option for both renovations and new construction.

Canadian Shingles and Composite Roofing

When we were looking for inspiration for the next step in roof development, we turned to places where the weather really pushes roofs to their limits—to Canada. It is there that large-format composite roofing has been used for decades, withstanding the summer sun, winter snow, and strong winds year-round. We've adapted the principle of the "Canadian shingle"—a lightweight, durable, and well-ventilated roof—to our environment.

Fortega Neo builds on this experience: a large-format composite roofing material with the RapidTOP smart locking system, which combines the proven principle of Canadian shingles with the requirements of Czech and European building standards.



Manufactured in the Czech Republic



Family-owned business



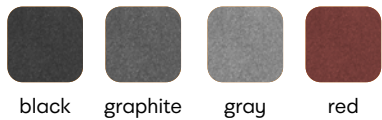
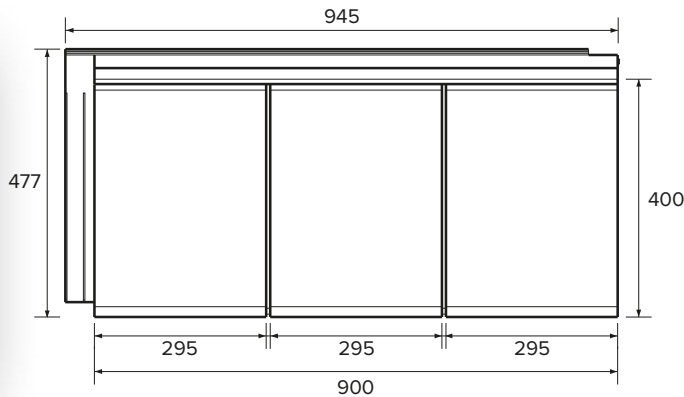
Recycling

Fortemix – a family-owned company with manufacturing in the Czech Republic

- Over 30 years of experience in the manufacture of flooring, decking systems, and plastic roofing materials
- In-house R&D, testing laboratory, and state-of-the-art production facility in Paskov near Ostrava
- Exports to more than 35 countries in Europe and overseas
- Millions of units produced annually thanks to automated and robotic technologies
- A family-owned company built on long-term quality and innovation

Neo

Large-format composite (aluminum + plastic) roofing with RapidTOP locking system



New generation of composite roofing



A roof for harsh climates and modern homes

Fortega Neo is a roofing material designed for harsh conditions where conventional solutions often fail. It is engineered to withstand extreme temperature fluctuations, wind, snow, and hail. A modern composite material containing aluminum gives the roofing flexibility and strength, allowing it to better handle expansion and significantly extending the lifespan of the entire roof.

Its low weight (approx. 6.6 kg/m²) places significantly less load on the roof structure than traditional tile roofing. This is a major advantage, especially for renovations of older buildings, where it is often unnecessary to go through the trouble of reinforcing the roof structure.

Where Fortega Neo makes the most sense

- newly built single-family homes with an emphasis on a modern look,
- additions and renovations where lightweight roofing is important,
- houses in areas with high wind, snow, or hail loads,
- projects where the investor requires a combination of design, quietness, and long service life.

Tile type	Fortega Neo
Material	composite of plastic and aluminum from recycled sources
Dimensions	945 x 477 mm
Effective coverage area	900 x 400 mm
Weight per unit area	6.6 kg/m ² (also suitable for renovations)
Recommended roof pitch	min. 20°
Color range	black, graphite, gray, red
Consumption per m ²	2.8 pcs/m ²
Weight	2.2 kg
Thickness	approx. 8 mm
Warranty/Life-span	25 years / 50+ years



A lightweight, walkable roof that doesn't make a "drumming" sound when it rains and doesn't rust



Fortega Neo weighs approximately 6.6 kg/m², so it doesn't unnecessarily overload the roof. The composite of plastic and aluminum made from recycled beverage containers is resistant to frost, high temperatures, UV radiation, rain, and hail. The material does not crumble, absorb water, or rust. At the same time, it significantly better dampens noise than traditional metal roofs. Rain and hail do not "drum" on it—the sound is muffled, and the interior is quieter, especially in attic rooms.



Walkable

When installed on solid sheathing, the roofing material is walkable across the entire roof surface. When installed on battens, walkability is only possible if the location of the battens is known and steps are taken only on load-bearing points; in this case, installation must be performed by a professional contractor in accordance with the installation instructions.



Large format for quick installation with the RapidTOP lock

Thanks to the large format, the roof is covered quickly, reducing the time the roof structure is exposed to the elements. The unique RapidTOP locking system guides the roofer during installation, making the process fast, precise, and with a lower risk of errors. As a result, many roofs can be safely installed by the homeowner. The lock also improves waterproofing and helps the roofing material better withstand wind.



Modern design made from recycled packaging

Fortega Neo features a modern design and uses a plastic-aluminum composite developed in collaboration with Tetra Pak from recycled beverage cartons. It gives these cartons a "second life," reduces landfill waste, and conserves primary raw materials. In addition, thanks to their long lifespan, composite roofs generate less waste from roof replacements over the course of decades.



Long service life and a 25-year warranty

High-quality plastic and composite roofing materials typically have a lifespan of over 40 years, with some systems reaching up to 50 years. Fortega Neo builds on this with a 25-year warranty, underscoring confidence in the material's stability, weather resistance, and color fastness.



Can also be installed on battens

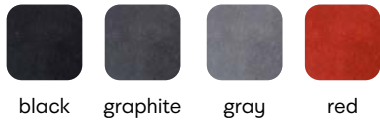
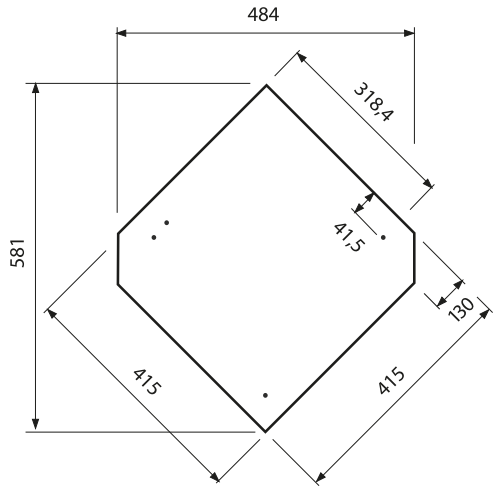
Installation on standard battens according to the installation instructions—during renovations, existing battens can be used in some cases.



Suitable for use on facades / gable walls

Tradition

The look of a traditional Czech slate tile in a modern design with DRS construction



Ideal for renovations with asbestos

Fortega Tradition – classic look, modern material

Fortega Tradition is a plastic roofing material with the appearance of traditional Czech slate tiles. It is primarily intended for the renovation of older roofs and buildings where a classic look is important, but where a lighter weight and higher durability of the material are also desired. Thanks to its distinctive surface texture and proven format, the roof looks natural on a family home, a cottage, or a historic building. Plus, thanks to the DRS construction, it is very sturdy.

Modern roofing for the replacement of asbestos cement and fiber cement

Fortega Tradition is the ideal solution for roofs that previously had asbestos cement or fiber cement tiles. The roofing material has a similar format but is lighter, more durable, and contains no problematic asbestos fibers. There is often no need to significantly reinforce the roof trusses, and the installation process is very familiar to roofers—it uses similar fastening principles as the original tiles.

Where Fortega Tradition is best suited

- renovations of single-family homes and cottages,
- rural and historic buildings where a sensitive roof appearance is important,
- roofs with a steeper pitch, where the rhythm of the shingles stands out,
- projects in historic preservation zones or sensitive locations (upon agreement with preservation officials).

Tile type	Fortega Tradition
Material	composite of plastic and aluminum from recycled sources
Dimensions	415 x 415 mm
Weight per unit area	cca 6 kg/m ² (also suitable for renovations)
Recommended roof pitch	min. 25°
Color range	black, graphite, gray, red
Consumption per m ²	8.4 pcs/m ²
Weight	0.70 kg
Thickness	6.2 mm
Warranty/Lifespan	22 years / 50+ years



Appearance of a traditional Czech slate template

The shape of Fortega Tradition is based on classic slate tiles, creating a timeless, subtly textured pattern on the roof that respects the character of Czech houses and cottages. It is the ideal replacement for old asbestos-cement tiles—the appearance remains familiar, but the material is modern, asbestos-free, and offers significantly better performance.



Durable composite made from recycled beverage cartons in collaboration with Tetra Pak

The roofing material consists of a plastic composite supplemented with aluminum from recycled beverage cartons. The combination of plastic and aluminum increases strength and durability and extends the service life of the roof cladding—it's not just an "eco-friendly story," but a real structural benefit.



Extremely low weight, high rigidity

At approximately 6 kg/m², it ranks among the lightest options in the pitched roof category. Thanks to the DRS (Dynamic Ribs System) construction, the panels are sufficiently rigid to retain their shape during installation.



Better acoustics and thermal comfort thanks to a composite developed in collaboration with Tetra Pak

Composite roofing material dampens noise significantly better than standard metal roofing—the sound of rain and hail "pounding" on the roof is less noticeable in the attic, and acoustic comfort in living spaces is improved. This is particularly important for attic rooms, built-in structures, and wooden buildings. At the same time, it helps stabilize the temperature—in winter, it helps retain heat, and in summer, the roof does not overheat as quickly as with some metal roofing materials. This has a positive impact on living comfort as well as on heating and air conditioning bills.



Can also be installed on battens

Installation on standard battens according to the installation instructions – during renovations, existing battens can be used in some cases.



Can be used on facades / gable walls

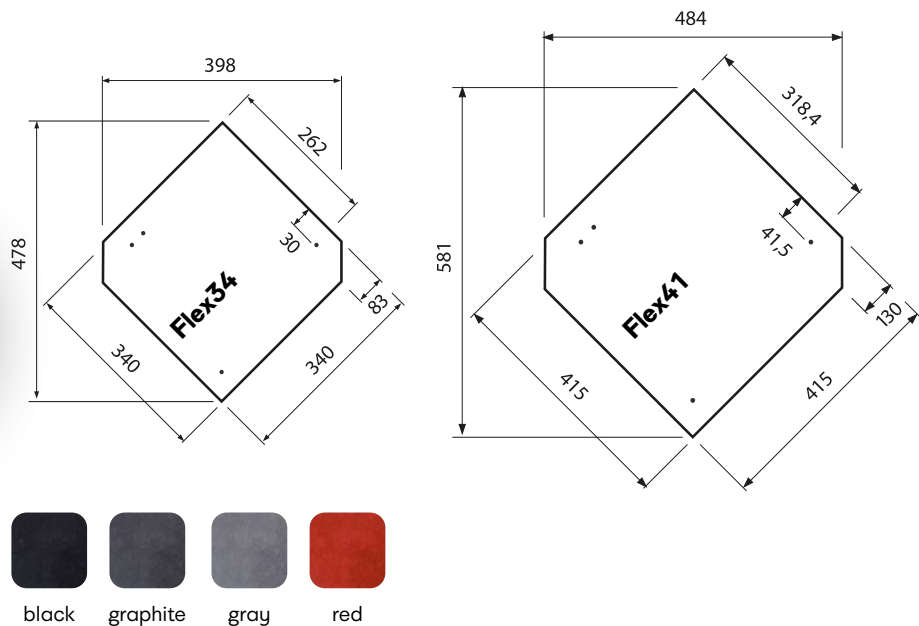


Walkable

When installed on solid sheathing, the roofing is walkable across the entire roof surface. When installed on roof battens, the roof is accessible only if the location of the battens is known and foot traffic is restricted to load-bearing points; in this case, installation must be performed by a qualified contractor in accordance with the installation instructions.

Flex

Flexible templates for complex roofs in two formats



One series, two formats, endless possibilities

Fortega Flex is a lightweight plastic roofing template available in two formats, designed specifically for complex roofs and renovations. The smaller format simplifies handling complex details, while the larger format speeds up installation on large areas. The roofer has the freedom to design the roof so that it is technically sound and looks good at the same time.

Two variants for different roof types

Fortega Flex – smaller format (Flex34)

- Smaller template for dormers, turrets, and semi-circular sections,
- allows for very precise replication of the roof shape,
- suitable for historic and architecturally complex buildings.

Fortega Flex – larger format (Flex41)

- larger template for main roof surfaces,
- fewer pieces per 1 m² ► faster installation,
- ideal for single-family homes, cottages, and smaller commercial buildings.

Typical applications for Fortega Flex

- Roof renovations using original roofing materials (asbestos cement, fiber cement),
- houses and cottages with complex roofs, dormers, and corners,
- additions, attics, and small extensions,
- historic buildings where it is necessary to preserve the classic roof characteristics.

Tile type	Fortega Flex 34 (small format)	Fortega Flex 41 (large format)
Material	PVC from recycled sources	
Dimensions	340 x 340 mm	415 x 415 mm
Weight per square meter	10.01 kg/m ²	11.34 kg/m ²
Recommended roof pitch	min. 25°	
Color range	black, graphite, gray, red	
Coverage per m ²	13 pcs/m ²	8.4 pcs/m ²
Weight	0.77 kg	1.35 kg
Thickness	5.4 mm	6.2 mm
Recommended use	complex roofs, dormers, corners, semi-circular sections	larger roof areas, standard single-family homes
Warranty/Lifespan	22 years/50+ years	22 years/50+ years

Years proven quality



Lightweight roofing, ideal for renovations

Lightweight plastic roofing protects the entire roof structure and often allows for renovation without the need for complex roof truss reinforcement.



Walkable

When installed according to the instructions, the roofing is walkable across the entire roof surface.



Durable roofing

Fortega Flex has long demonstrated its resistance to high summer temperatures, winter frosts, rain, snow, and hail. The material is colorfast and contains additives that protect against UV radiation, so the color does not fade significantly. The material remains flexible, and the panels are walkable, which simplifies both installation and later roof maintenance—such as cleaning gutters or performing service work.



Thermal and acoustic comfort under the roof

Plastic roofing dampens sound better than traditional sheet metal—during rain or hail, the attic is noticeably quieter. At the same time, it helps stabilize the temperature—in winter, it helps retain heat, and in summer, the roof does not overheat as quickly as with some metal roofing materials. This has a positive impact on living comfort as well as on heating and air conditioning bills.



The look of traditional Czech slate tiles and a 22-year warranty

On the roof, it creates a timeless pattern that respects the character of Czech houses, cottages, and urban villas. You get an elegant “slate” look without the unnecessary weight, cracking, and demanding maintenance of traditional roofing materials. We offer a 22-year warranty on the roofing, and its lifespan is 50+ years.



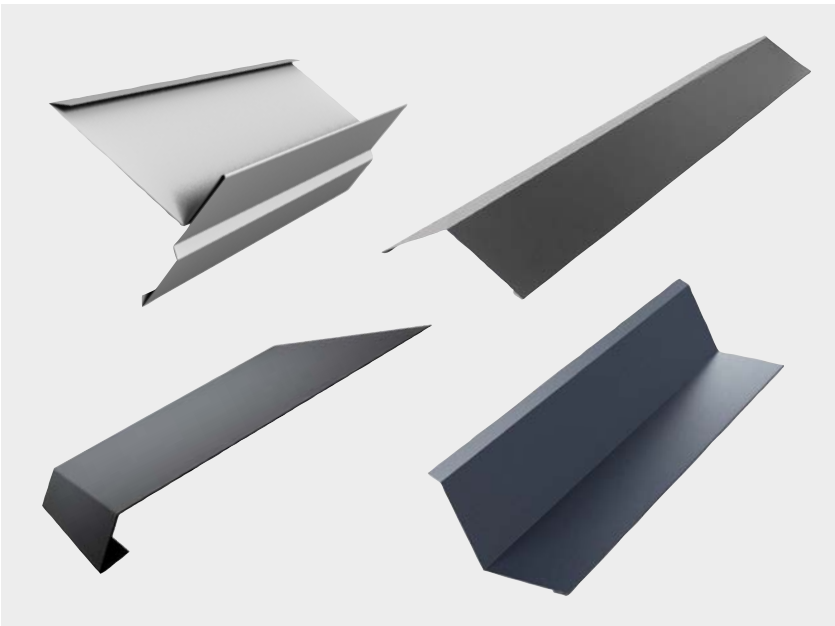
Can be used on facades / gable walls

Allows for creating both traditional and modern patterns through color combinations.

FORTEGA ROOFING ACCESSORIES

A complete system for a functional and safe roof

Fortega accessories are designed to cover all typical roof details—from flashing and ventilation to safety features. All items are color- and technically matched to Fortega roofing materials. Most system components are universal across the Neo / Tradition / Flex series.



Roof flashing

- ✓ ridge caps
- ✓ wind braces
- ✓ eaves strips
- ✓ valley flashing
- ✓ along the wall
- ✓ corner
- ✓ base molding



Roof ventilation and protection

- ✓ ventilation ridge
- ✓ waterproofing membrane
- ✓ sewer penetrations
- ✓ diffusion membrane
- ✓ vent caps



Roofing	Fortega Neo	Fortega Tradition	Fortega Flex
Compatible Accessories	✓	✓	✓

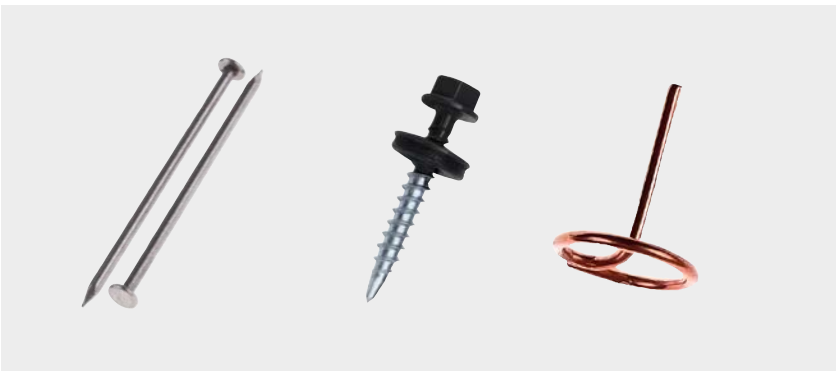


Complete list of items



Safety features

- ✓ Snow hooks
- ✓ snow guards
- ✓ Roof walkways
- ✓ Safety hooks



Fasteners

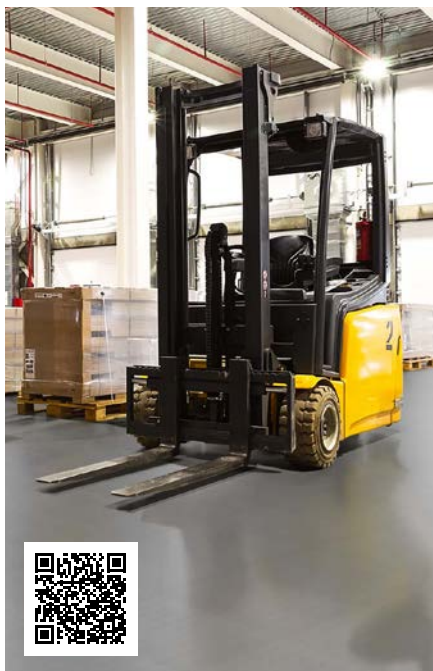
- ✓ self-tapping screws
- ✓ nails
- ✓ clips
- ✓ anchoring elements



Recommended tools

- ✓ Properly selected installation tools help ensure high-quality workmanship and minimize the risk of damaging the roofing material during installation.

OTHER FORTEMIX PRODUCTS



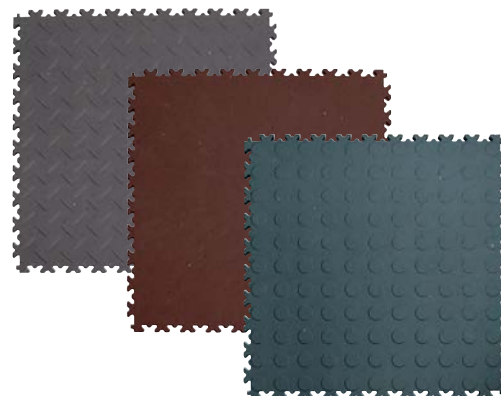
Fortelock

Fortelock Industry

A unique PVC floor that you can install quickly and without adhesive. You get a durable surface that is easy to maintain and can be repaired locally if necessary. Suitable for garages, workshops, basements, warehouses, and other spaces where high durability is required.

Key benefits:

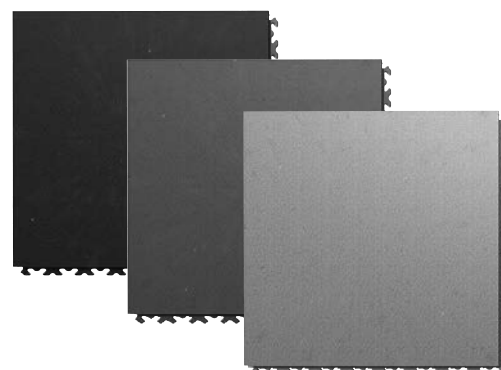
- Quick installation without downtime
- High durability
- Easy maintenance
- Local replacement
- Variety of designs and solutions



Fortelock

Fortelock Invisible

A design variant of interlocking flooring with a hidden interlock. Suitable for retail spaces, offices, and homes where appearance is important and the ability to disassemble the floor at any time, replace components, or move it to another space is essential.



Fortemix

Tereco Terraces

A deck for a single-family home or around a pool. Deck tiles made from recycled plastic for around the house, pool, or balconies. Quick installation without adhesive, easy replacement of individual tiles, and resistance to water and weather.

More at www.fortemix.cz

