

Floor tiles

**FLOORS<sub>4</sub>GARAGE**

Quickly  
and easily



**Fortemix**

ReCreating Building Materials

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Our philosophy is to protect surroundings for future generations. That is why we produce technically sophisticated patented products which renovate floors without demolition. In addition, thanks to the use of waste, **we save over 2,400,000 kg of plastic from incineration** or landfill every year.



**Not only will we prevent plastic from being dumped into landfills, but we will save 5 496 000 kg of CO<sub>2</sub>, equivalent emissions of almost 1,000 cars\* and in addition we save 725,000,000 liters of water\*\* every year.**

Renovating the floor with PVC tiles will also save 80% of emissions compared to a new concrete floor. All our tiles are recyclable, a minimum waste and emission is generated during production, and we also buy old products. We crush production scrap on our own crushers. This way, no defective pieces have to leave the factory and are soon back in production. In addition, we are able to recycle our products even after the end of their service life, which is very long. Our factory was also mainly built from used materials. Most of our halls and offices are built out of old structures, used insulation and panels.

\* Calculated from emissions of 2.1 kg CO<sub>2</sub> eq. / kg of primary plastic saved after deducting recycling and processing emissions 0.268 kg CO<sub>2</sub> eq./kg

\*\*Calculated from the water consumed by producing 242 l / kg of primary plastic after deducting recycling and processing emissions 0.268 kg CO<sub>2</sub> eq./kg



## A family business which hasn't been focusing only on profit for 30 years.

Every business must be profitable in order to survive. We also believe that companies and their people have more potential and capabilities than just generating profit. Companies should go above and beyond and take more responsibility for their employees and the entire planet.

### Abrasive and cement mixture Fortedur production

- Automatic line for mixing dry mixtures
- Capacity >130 000 tones



### Our own development department

- Locktest developed by us
- Test injection molding machine
- Our own climate chamber
- Size measurement with an accuracy of 0.001 mm in 6 points



### Production of plastic products

- Highly modern presses for the production of tiles and roofs
- Annual capacity over 250,000 m<sup>2</sup>
- Modification and preparation of own granules and regranulates
- Our own printing and varnishing line



### Sales and customer service department

Trusted by customers from more than 49 countries



### It means to us that ...

**... we are approaching waste-free production and buying out old products.**

We crush production scrap on our own crushers. This way, no defective pieces have to leave the factory and are soon back in production. In addition, we are able to recycle our products even after the end of their service life, which is very long

**... we transform the old into the new.**

We save over 3,000,000 kg of plastic from incineration or landfill every year.

**... we donate more than 1,5% of sales annually to help those in need (over £ 400 000 in total so far).**

**... we mainly build from used materials.**

Most of our halls and offices are built out of old structures, used insulation and panels.

**...Not only will we prevent plastic from being dumped into landfills, but we will save 5,496,000 kg of CO<sub>2</sub>, equivalent emissions of almost 1,000 cars and in addition we save 725,000,000 liters of water every year.**



# PVC tiles

... quickly and easily

The Interlocking system consists of interconnected PVC tiles that can be installed on top of any kind of new and old sub-floor.



**12 year warranty**  
25 years service life



**High load:**  
Up to 520 kg/cm<sup>2</sup>



**Recycling:**  
100% recyclable, ECO  
variants made out  
of recycled material



**Maintenance  
and resistance:**  
Easy to maintain and  
resistant to chemicals



**Anti - slip and safety:**  
Most tiles have R10 anti - slip and thus  
protect workers from accidents



**Speed:**  
4 x faster than common  
floor repairs therefore there  
is no need to limit operation



**Unique design:**  
We developed a special snake  
skin pattern which has a unique  
design and is easier to clean



**Quiet and warm:**  
It reduces noise,  
vibrations and cold  
ensuring better work  
conditions



**Strong connection:**  
Durable locking system  
withstands weight of up  
to 463 kg



**Easy to repair:**  
Simply replace only one  
tile



**Sub-floor:**  
May be used on top of any kind  
of sub-floor therefore saves up  
to 80% of floor renovation time



**Varnishing and print:**  
Varnishing and customer  
print option



**Floor moldings, ramps  
and corners:**  
Everything is custom  
made in the same shades  
as the floor



# Production and warehousing

- High mechanical and chemical resistance for industrial loads
- Interlocking system tiles can withstand a point load of up to 520 kg per 1 cm<sup>2</sup>
- Can be assembled in parts outside the hours of operation
- Easy MAINTENANCE and surface cleaning
- Anti-slip surface increases safety
- The floor is suitable for areas with forklift operation
- Highlight work zones with colored tiles
- Minimum requirements for sub-floor preparation – up to 80% time SAVING

The floor is easy to repair and it is immediately walkable. We don't have to stop operation because of that. It is unthinkable for us to stop the operation even for 3-4 days.

**Floordesign**

For heavy load equipment > **Industry Ultra** (page 20)

For uneven and damaged sub-floor > **Industry** (page 19)

For seamless appearance > **Invisible** (page 22)



# Business premises

- Installation is easy, you can handle it overnight without limiting operation
- The tiles can be laid on virtually any surface without complicated PREPERATION
- PVC material is quick and easy to maintain and can be disinfected
- Your company logo can be printed on selected tiles
- In case of relocation the tiles can be disassembled, transported and reused
- Tiles can be cleaned mechanically and by hand

**For areas with light load traffic > XL** (page 21)

**For areas with higher loads and traffic > Industry** (page 19)

**For seamless appearance > Invisible** (page 22)

**For spaces with a decorative look > Business** (page 23)

**For uneven and damaged sub-floor > Industry** (page 19)



# Sport and fitness

- The floor can withstand the fall of a dumbbell and long-term load of exercise equipment without damage
- Installation is easy, can be handled overnight without limiting operation
- PVC material is easily disinfected and maintains a hygienically clean environment
- The floor is pleasant to the touch and you do not feel cold when exercising on the floor
- The tiles can be disassembled at any time and reused in a new space
- Easily organized exercise areas thanks to a wide range of colors
- Print the logo of your fitness studio on selected tiles

We used the heavy load tile option because in our gym we are mainly focused on heavy weight lifting. The floor takes a beating and yet in its third year it still looks great. We are extremely satisfied with that. In addition, it is easy to maintain. Guys sweat a lot here and the sweat can be washed away really quickly and easily. Also when compared to the competition they were clearly the cheapest.

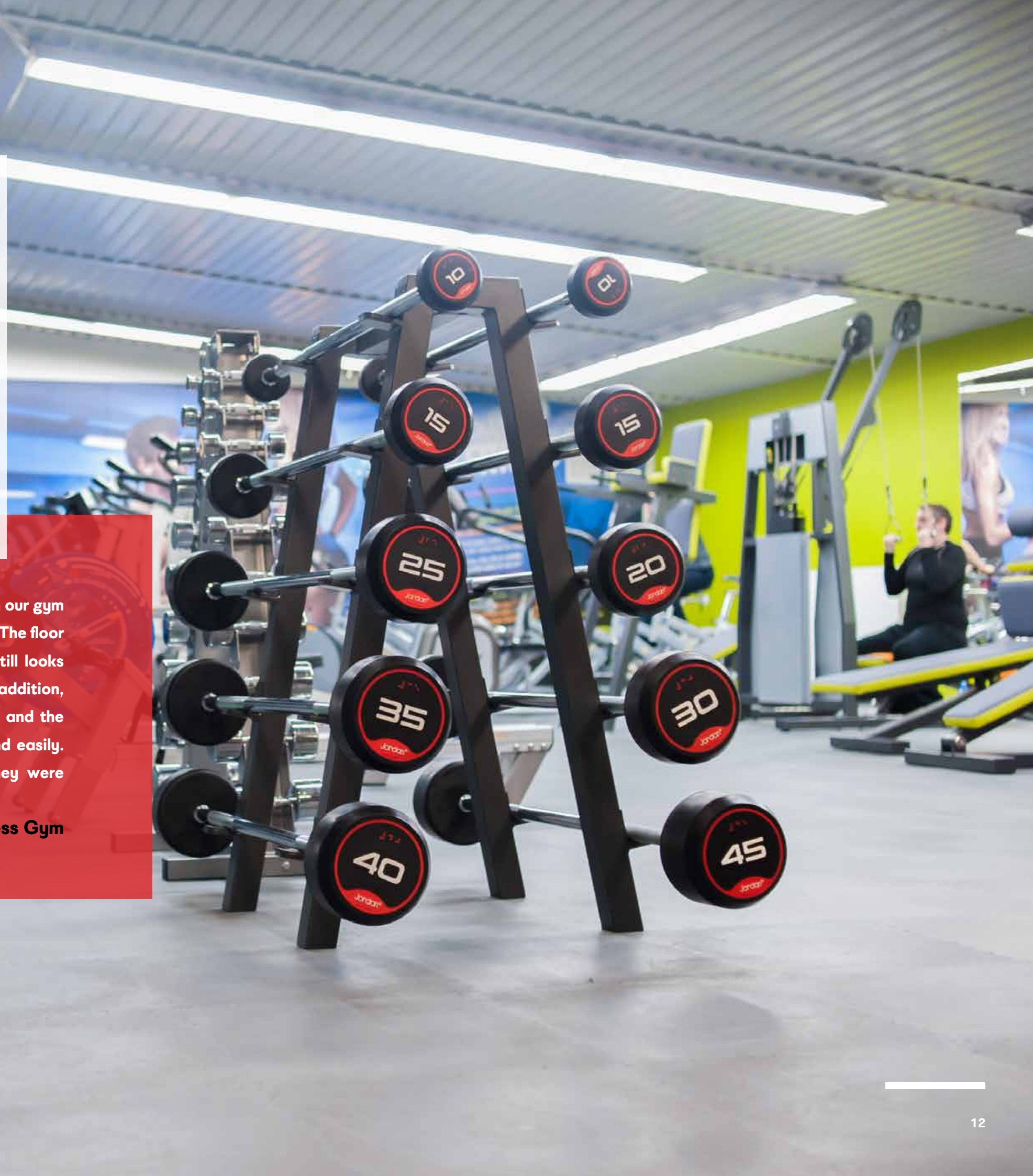
**Fitness Gym**

For heavy exercise equipment and weights > **Industry** (page 19)

For light equipment and gyms > **XL** (page 21)

For seamless appearance > **Invisible** (page 22)

For spaces with a decorative look > **Business** (page 23)





# Car and tyre service

- Tile can withstand high mechanical stress and technical fluids
- Easily installed in parts outside the operating hours
- Anti-slip treads to increase adhesion when vehicles approach the ramp
- Colored tiles can be used to highlight dangerous zones under jacks
- The insulation reduces noise and makes working under the car more pleasant

It is really just like a puzzle. There was no need to call installers. We were able to handle it by ourselves. No need to glue. We just put it together the way we liked it.

**Car service**

For heavy load in the workshop > **Industry**

(page 19)

For seamless appearance > **Invisible**

(page 22)



# Garages and workshops

- Easy installation without gluing
- High mechanical and chemical resistance
- Premium look for your garage at an affordable price
- The color combination of tiles will make your unique car stand out
- Easy MAINTENANCE and the possibility of disassembly and replacement of tiles
- The insulation of the tiles makes working on the floor more enjoyable

Cleaning and treatment is easier, the tiles also reduce noise, are anti-slippery and resistant to heavier loads, do not absorb oil which is sometimes on the floor.

End client

For heavy handling machinery > **Industry**

(page 19)

For seamless look > **Invisible**

(page 22)



# Electrostatic facilities (ESD)

- ESD tiles prevent electrostatic discharges
- Installation is easy, you can do it yourself overnight without limiting operation
- The tiles can be laid on virtually any previous surface without complicated ADJUSTMENTS
- Especially suitable for areas with the production of electrical and automotive components, as well as areas with a risk of explosion, electrical substations, data centers, laboratories, pharmaceutical centers and other special facilities
- Excellent chemical resistance, easy MAINTENANCE and disinfection



The installation time is even shorter than we expected.  
**End client**

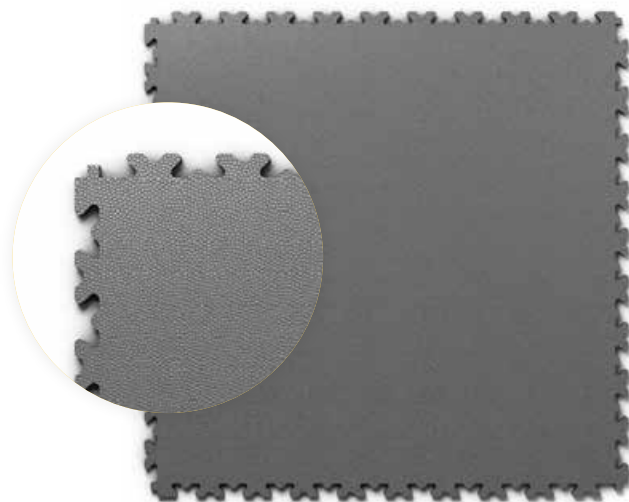
Areas with electrostatic discharges > **ESD**

(page 24)



# Industry

<b>Dimensions:</b>	510,5 x 510,5 mm
<b>Thickness:</b>	7 mm
<b>Weight:</b>	2,3 kg
<b>Lock:</b>	visible

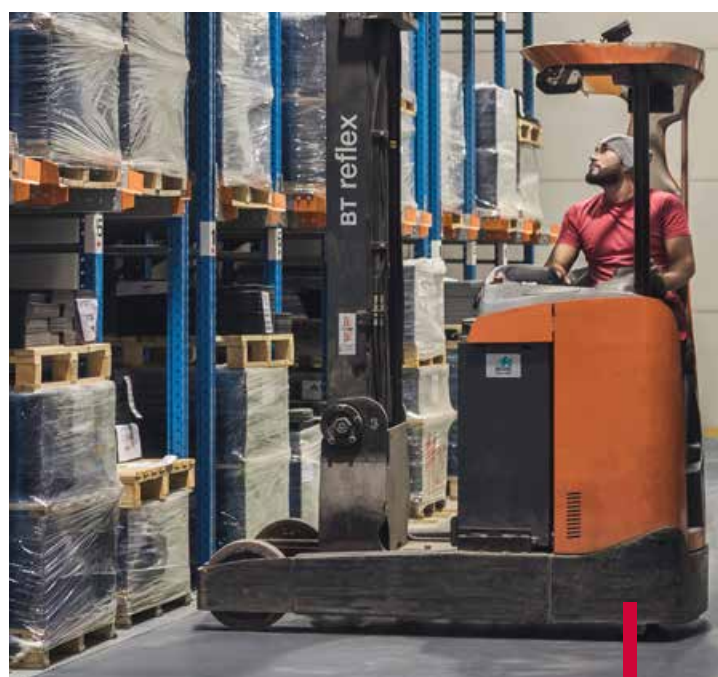
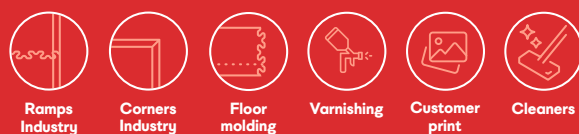


- The **Industry** line is designed for the **heavy industrial loads** including forklifts and pallet trucks
- Suitable for areas with **heavy point or dynamic load (warehouses, garages, fitness centers, police and fire stations)**
- It is characterized by its quick and easy installation
- The tiles can be assembled in sections without interrupting operations
- If necessary, individual tiles can be easily replaced with new ones without having to disassemble the entire floor
- The tile is resistant to chemicals and abrasion
- **Composition:** highly durable homogeneous 100% PVC (100% recyclable)
- It stands out for making the floor easy to clean and maintain
- Also available in ECO variant made of recycled material (ECO Black, ECO Grey, ECO Light Grey) ♻️
- **Resistant lock system, 12 years warranty, 25 years service life**

**Colors:**

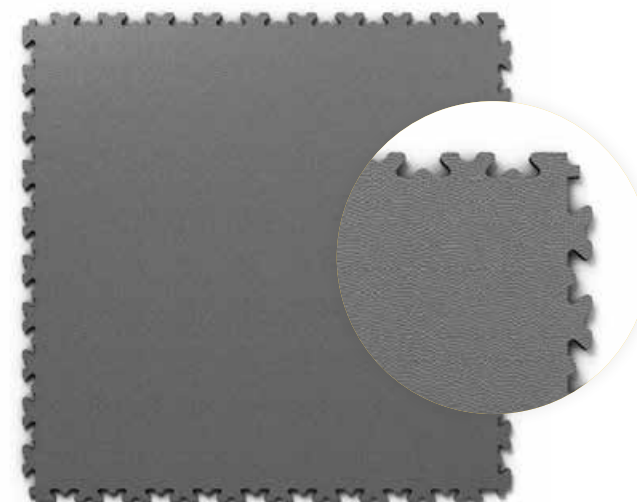
**Pattern:**

## Accessories and service



# Industry Ultra

<b>Dimensions:</b>	510,5 x 510,5 mm
<b>Thickness:</b>	10 mm
<b>Weight:</b>	3,1 kg
<b>Lock:</b>	visible



- The **Industry Ultra** line is designed for floors under extreme stress and the **heaviest industrial load**
- The tiles can withstand the load of pallet trucks and forklifts up to 6600 kg without the need for fixation (at 20 °C)
- It is particularly ideal for spaces with a high point or dynamic load, especially **warehouse halls, industrial production, logistics centers**
- The tiles can be assembled in sections without interrupting operations
- The tile is resistant to chemicals and abrasion
- **Composition:** highly durable homogeneous 100% PVC (100% recyclable)
- It stands out for making the floor easy to clean and maintain
- Also available in ECO variant made of recycled material (ECO Black, ECO Grey, ECO Light Grey) ♻️
- **Resistant lock system, 12 years warranty, 25 years service life**

**Colors:**

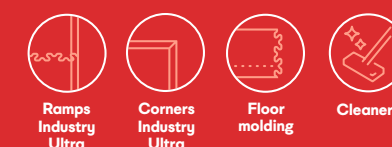
**Pattern:**

## Tip:

Do you want the floor to still be like new? Just clean it regularly with the German-made Dr. Schutz, Cleaning Agent R 1000. Used daily, it creates a fine microfilm on the floor, which protects the floor from dirt and makes it easier to clean.



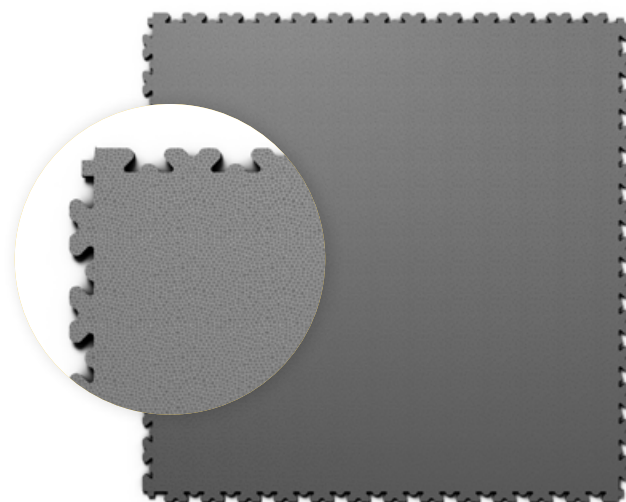
## Accessories and service





# XL

<b>Dimensions:</b>	653 x 653 mm
<b>Thickness:</b>	4 mm
<b>Weight:</b>	2,3 kg
<b>Lock:</b>	visible

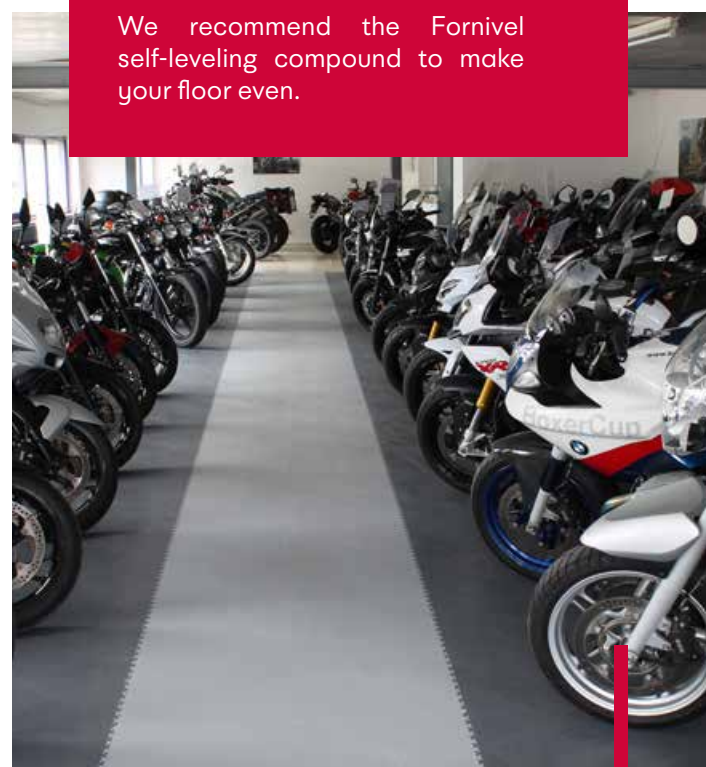
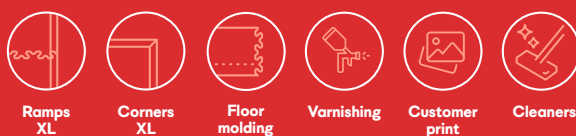


- The **XL** series is designed for areas with a **medium load and flat surface**
- Great for **cellars, garages, public spaces and shops**
- Unique snakeskin pattern with reflections and easier cleaning
- Large-format tiles (2,5 pieces of tiles cover 1 m²)
- The tiles can be printed with ready-made patterns or your own graphics
- **Composition:** highly durable homogeneous 100% PVC (100% recyclable)
- Available also in ECO variant made out of recycled material (ECO Black, ECO Grey, ECO Light Grey) ♻️
- It stands out for making the floor easy to clean and maintain
- **Resistant lock system, 12 years warranty, 25 years service life**

**Colors:**

**Pattern:**

## Accessories and service

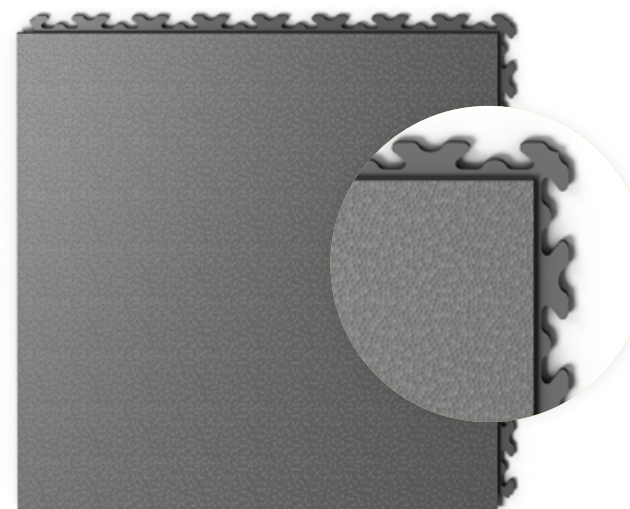


### Tip:

We recommend the Fornivel self-leveling compound to make your floor even.

# Invisible

<b>Dimensions:</b>	468 x 468 mm
<b>Thickness:</b>	6,7 mm
<b>Weight:</b>	1,8 kg
<b>Lock:</b>	hidden



- The **Invisible** line is designed for **commercial, residential, industrial and warehouse spaces**
- Hidden locks (after laying the floor the locks are invisible)
- Unique snakeskin pattern with reflections and easier cleaning
- Easy to combine colours and create corridors, paths and navigation lanes
- Can be assembled in parts without interrupting operation
- Resistance to loads, chemicals and abrasion, thermal and sound insulation
- **Composition:** highly durable homogeneous 100% PVC (100% recyclable)
- It stands out for making the floor easy to clean and maintain
- Available also in ECO variant made out of recycled material (ECO Black, ECO Grey, ECO Light Grey) ♻️
- **Resistant lock system, 12 years warranty, 25 years service life**

**Colors:**

**Pattern:**

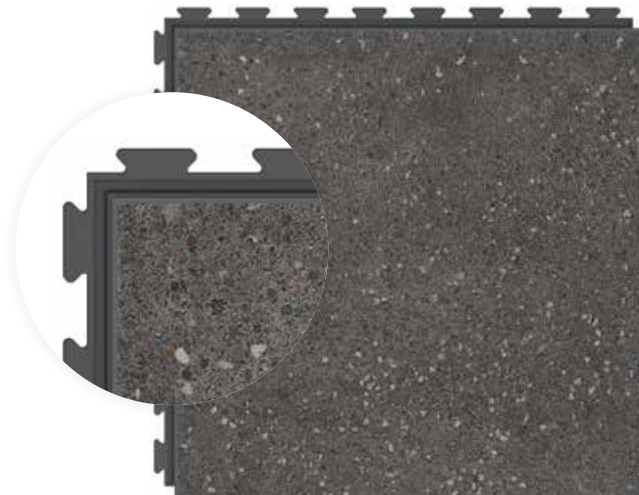
## Accessories and service





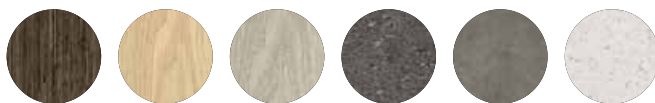
# Business

<b>Dimensions:</b>	668 x 668 mm
<b>Thickness:</b>	7 mm
<b>Weight:</b>	4,1 kg
<b>Lock:</b>	hidden



- The **Business** line is designed for **representative commercial spaces, gastronomic facilities, commercial establishments and offices**
- It is a unique combination of Interlocking system tiles and topnotch products of the world's manufacturers of heavy-duty vinyl floors
- Minimal water permeability thanks to the **patented ZeroGap lock**
- Fast installation without the need to restrict operating hours
- The hidden locks do not disturb the design
- High resistance to wear in commercial spaces, including resistance to the rolling effects of chair casters
- Easy maintenance, surface cleaning and disinfection, anti-allergic environment
- **Durable lock system, warranty up to 12 years**
- You can find a wide range of designs at [www.floors4garage.co.uk](http://www.floors4garage.co.uk)

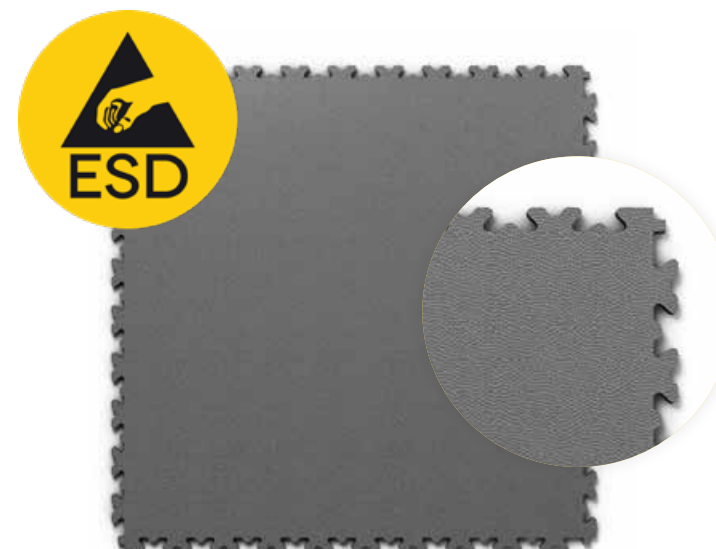
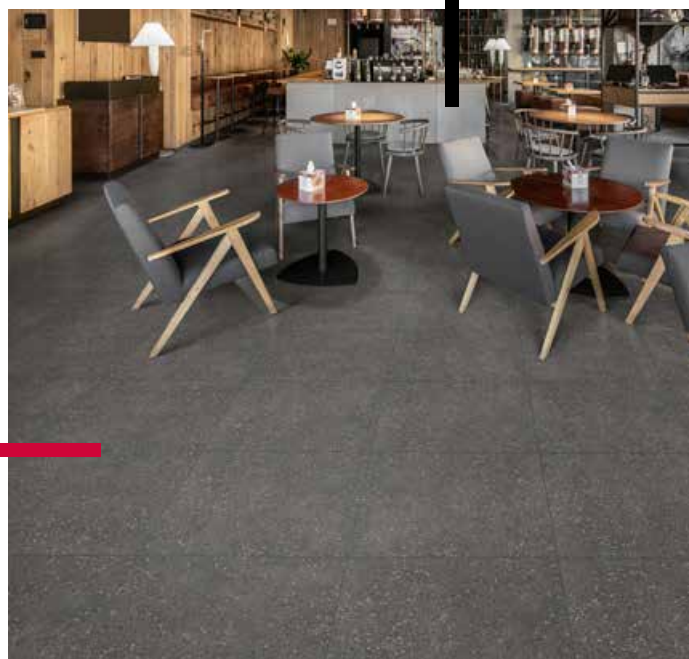
Colors:



Seams:



## Accessories and service



# ESD XL ESD

<b>Dimensions:</b>	510,5 x 510,5 mm
<b>Dimensions XL:</b>	653 x 653 mm
<b>Thickness:</b>	7 mm
<b>Thickness XL:</b>	4 mm
<b>Weight:</b>	2,4 kg
<b>Weight XL:</b>	2,4 kg
<b>Lock:</b>	visible

- The **ESD** line is designed for **rooms with a requirement for electrostatically conductive floor design**
- Areas of application: **electrical components production areas, automotive industry, areas with risk of explosion, electrical substations, data centers, healthcare laboratories and others**
- Complies with IEC 61340-4-1
- The highest mechanical resistance prevents damage to the surface by handling equipment or massive point loads
- Can be assembled in parts without interrupting operation
- Highly durable homogeneous material
- **Durable interlocking system, 12 years warranty, 25 years service life**
- Use XL ESD if you want a more economical option in heavy foot traffic areas

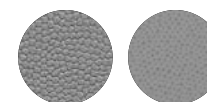
## Tip:

For cleaning ESD tiles, use the special product Dr. Schutz ESD Floor Cleaner. It's a concentrate for normal daily cleaning and for cleaning after finishing laying ESD tiles. Developed for all electrostatically conductive and antistatic floors.

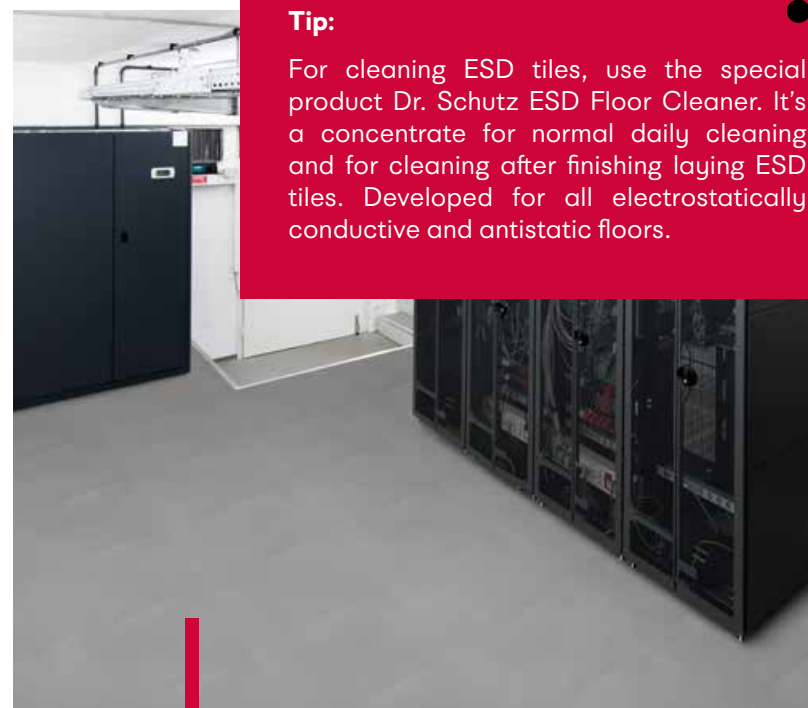
Colors:



Pattern:



## Accessories and service





Accessories

	Description	Packaging/Design/Colour
Skirting board Industry, Industry Ultra, XL, Invisible	Skirting board for an elegant finish to the floor near walls and other fixed parts. The skirting boards are made tiles, which achieves perfect color and décor matching. For easier installation, we recommend installing it on a baseboard.	-
Base skirting board	Plastic strip designed for an elegant finish of the floor covering. Universal strips are provided with double-sided adhesive tape designed to glue part of the tiles. The strip must be glued to the wall with mounting glue under the baseboard. Dimensions: length 2500 mm, height 58 mm, width 9.7 mm.	white, grey, black
Adhesive under the base skirting board	MAMUT GLUE High Tack, white.	290 ml
Business skirting board	Skirting board for Business tiles in colors and decors according to the current offer of the Business collection. Base skirting board included.  Material - plastic.  Length 2000 mm.	-
Ramps and corners for Business	Drilled aluminum ramp for an elevation of 8.5-15 mm. Designed for busy places with a heavy-duty loads. Simple and quick assembly. Easy to attach with a screw or glue. Ideal solution for shopping carts, pallet trucks, etc.Dimensions: length 1350 mm, width 80 mm, height from 8.5 to 15 mm.  Material - aluminum. Mounting by drilling or gluing.  Screws included.	-
Transition tile for Business	Dimensions: length 1350 mm, width 32 mm, material – aluminum. Adhesive.	-
Marking tape	Designed to mark off danger zones, to mark off directions for pedestrians, etc. Dimensions: width 50 mm, length 33 m.	yellow, yellow-black
Rubber hammer	Rubber hammer, wooden handle.	-
ESD grounding tape	The width and spacing of the installation are governed by performance standards. Dimensions: width 70 mm, length as required, thickness 0.1 mm.	-
ESD grounding kit	It includes a plug with cord (2.4 m) and connection rivet (10.3 mm) in one piece, L-shaped metal grounding element and CU self-adhesive tape, used to stick the grounding element to the grounding tape.	-

Fixation and bonding

	Description	Packaging
Fixation dispersion under PVC	Water-removable fixation designed for the <b>removable attachment</b> of tiles to the floor. It guarantees the stability of tiles for heavy-duty traffic. Easy to remove, saves costs during further renovation.	3 kg (20 m²) 12 kg (80 m²)
Fixing tape	Special transparent colorless adhesive tape for establishing a <b>removable connection</b> of tiles with the floor. Firm polyester support for trouble-free application and sure and immediate adhesion. Dimensions: width 240 mm, length 50 m.	-
PU adhesive under PVC	Two-component PU glue to <b>permanently bond</b> tiles to the floor. Firm, strong and quick-tack adhesive.	2.5 kg (5-8 m²) 6 kg (12-20 m²) 10 kg (20-33 m²)

Cleaners

	Description	Packaging
Dr. Schutz Floor Cleaner R 1000	Special cleaning agent for <b>daily cleaning</b> and care of elastic floorings and hard floorings. Based on water-soluble treatment components that do not cause any environmental burden for basic cleaning. Cleans and treats in one go. In the concentrations used, the pH is neutral. It is suitable for use in cleaning machines. Forms a thin protective layer.	10 l, 5 l, 750 ml
Dr. Schutz Basic cleaner R	Designed for general, <b>deep cleaning</b> . Gentle alkaline cleaner for post-installation and basic cleaning with strong dissolving qualities for construction impurities, as well as for old wax residues, treatment agents, self-polishing dispersions and adhesive residues. We recommend using it every 6 to 12 months.	10 l, 5 l, 750 ml
Dr. Schutz PU Cleaner	Cleaning concentrate for cleaning after installation and for routine cleaning of all elastic floorings with production <b>PU/PUR surface treatment</b> .	10 l, 5 l, 750 ml
Dr. Schutz ESD Floor Cleaner	Cleaning concentrate for daily cleaning and also for cleaning after <b>ESD tile</b> installation. Developed for all electrostatically conductive and antistatic floors.	10 l
Dr. Schutz Universal Elatex stain remover	Universal product for <b>removing water-soluble and water-insoluble stains</b> such as coca-cola, fruit juices, ketchup, ballpoint pens, marmalade, red wine, coffee, chocolate, chewing gum, shoe cream, nail polish, asphalt, markers, etc. It is particularly suitable for removing rubber scuffing, heel scuffing, and graffiti and waterproof paints.	200 ml
Dr. Schutz Secura Hard Protective Layer	<b>Polymer dispersion</b> (wax) with metal mesh elements for the treatment of newly installed floorings in buildings or base-clean them. The floor will be protected, the adhesion of dirt will be reduced and routine cleaning will be greatly simplified.	10 l, 5 l
Dr. Schutz PU Anticolor mat	<b>Two-component water-based polyurethane coating</b> . Extremely high cross-linking density and thus increased resistance to colored substances, plasticizers and chemicals.	6 l, 1.08 l



# Visualization



Take advantage of the state of the art visualization software and change the floor color scheme according to you expectation.

# Configurator



Enter the desired dimensions of your space, click on the required selection of parameters and you will get the minimum number of tiles required for laying the floor. It couldn't get any easier.

# Varnishing

Varnishing will give the floor presentable appearance, increased durability and ease of maintenance. The result is a floor that is beautiful to look at and pleasant to the touch.

# Onsite inspection



We offer expert assessment and proposal of possible solutions for your floor onsite.



# Print GRANIT

The GRANIT collection offers 3 basic patterns of grainy print, which vary in grain size and color combinations. The seemingly disparate print lets you optically break up the monotonous appearance of a floor which can occur if only one color is used.

This collection is printed on a modern UV printer and 3x repainted with a UV varnish. The varnish improves the abrasion resistance and the cleanability of the tiles. In addition, thanks to only a partial overlap of the original color of the base tile any potential scratches are almost invisible.

For print tiles, we recommend using Industry tiles (in leather pattern), Invisible and XL (in snakeskin pattern).

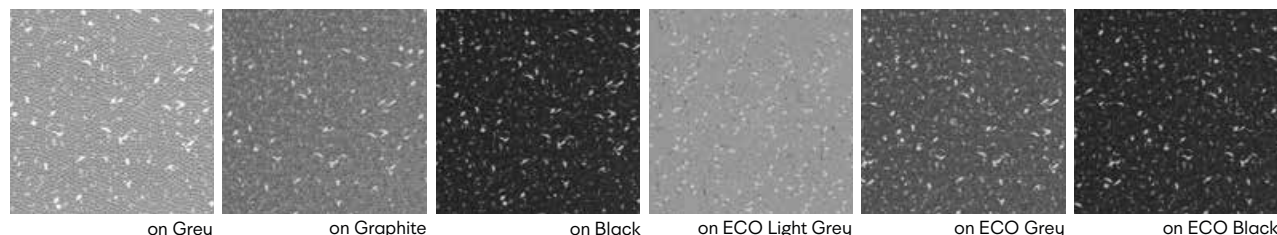
# Print CUSTOM

When choosing CUSTOM printing, we will print the tiles according to your wishes and ideas. Just send vector graphic and we'll take care of the rest. We routinely print warning symbols, company logos, direction signs and even family photos onto tiles.

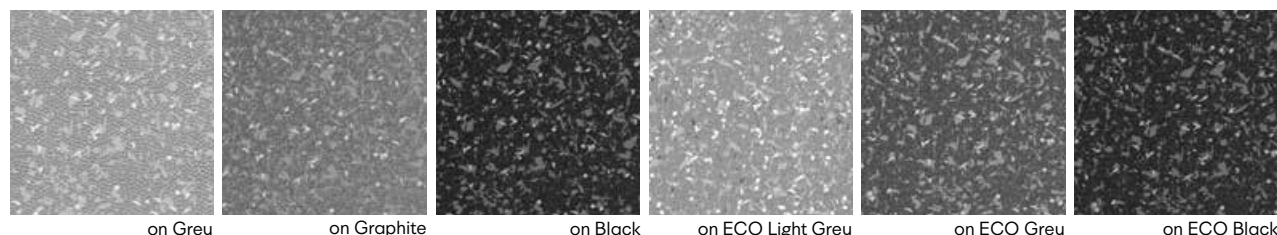
We print with a modern UV printer, then varnish them 3 times with UV varnish. The varnish improves abrasion resistance and improves the cleanability of the tiles.

For print tiles, we recommend using Industry tiles (in leather pattern), Invisible and XL (in snakeskin pattern).

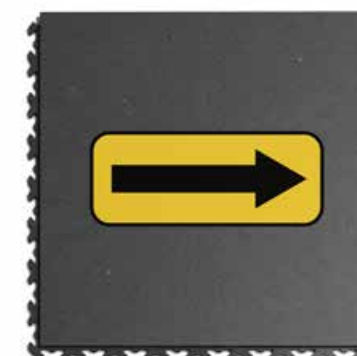
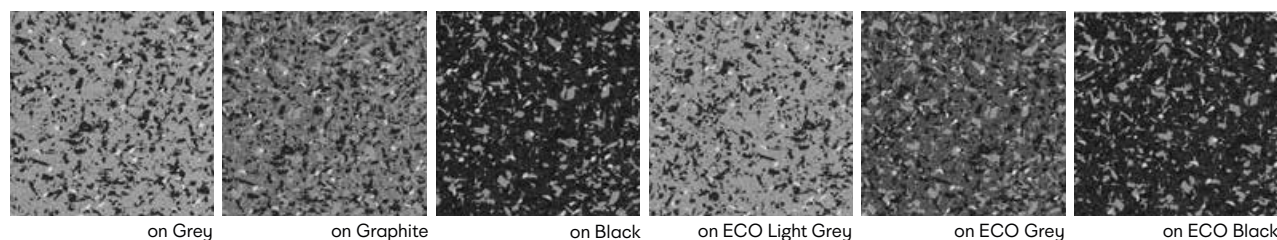
## Quartz



## Grey



## Black





# Installation

Allow the tiles to acclimate for 24 hours before laying and level and sweep the floor.

1

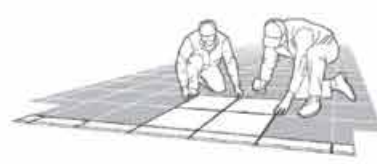


Use chalk line in the widthwise and lengthwise direction of the space. It is essential that the tiles are kept in a rectangular position to each other.

2

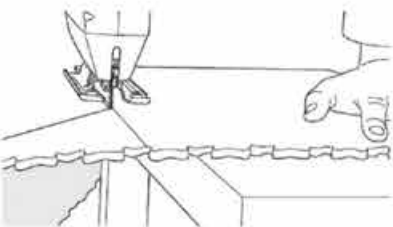


3



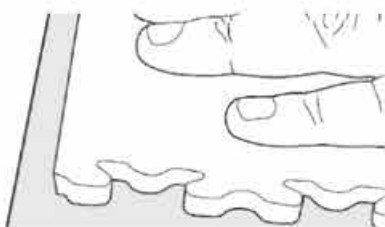
Finally cut and lay the tiles.

4



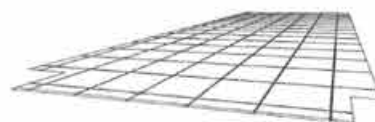
Leave at least 10 mm space at the wall.

5



**Done.**  
Congratulations.

6



**FLOORS4GARAGE**

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