



QUICK^{2.0}
cerámica

**INSTALLATION
WITHOUT
WORK**

geotiles
cerámica

TOOLS

¿What tools/accesories do I need to install Quick?

To install Quick, you only need the following tools:

- **Ruby-type tile cutter:** for precise cuts on ceramic pieces.
- **Cutter:** ideal for cutting the joining system and insulating mat with precision.

QUICK PRODUCT

¿Can it be installed outdoors?

Although technically it can be installed since the material is porcelain, due to varying outdoor conditions (covered or not, temperature, heavy use like garages, etc), we don not recommended its use outdoors.

¿Can it be stored outdoors?

No, Quick should not be stored outdoors as it requires controlled conditions to maintain its quality. It is essential to avoid storing it vertically or in humid, dusty places or areas with sudden temperature changes. Keeping it in a dry and stable environment will ensure it retains its properties until installation.

¿Is there anything special to consider for waste management?

The waste generated by Quick (composed of ceramics, rubber, and polymers) is classified as non-hazardous since it does not produce leachates. According to LER code 17 09 04 (construction and demolition waste not specified in other categories), this waste:

- **Cannot be considered inert** due to the presence of rubber and polymers. • Must be managed as non-hazardous waste, either through disposal in authorized landfills or as fill material in civil works.
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¿What is the thermal expansion of Quick?

It is important to leave an expansion gap of at least 8 mm to allow for the natural movement of the material due to temperature changes.

¿Can the WPC support get wet?

Yes, the WPC support is water-resistant and has a moisture absorption equal to or lower than that of porcelain, i.e., <0.3%.

¿Does Quick have different shades depending on production, meaning different production batches should not be mixed?

Yes, the material shade varies according to the production batch, maintaining the ceramic's natural finish. Therefore, it is not recommended to mix pieces from different batches.

¿What is the legal warranty on the product in general?

The warranty covers any manufacturing defects under normal use conditions and proper installation following Pamesa Grupo Empresarial recommendations. It is valid for three years from the delivery date of the product.

QUICK PRODUCT

Does the floor have to be completely flat/leveled? What tolerance levels are acceptable for installing Quick?

Proper leveling of the substrate is crucial for optimal results. The main recommendations include:

- The substrate must be firm, stable, and free from damage
- It should not have irregularities that could cause openings in the joints.
- A soft, loose, or floating base is unsuitable for Quick installation.

According to the attached table, the correct values for installation should be between "Very Flat" and "Super Flat."

Clasification of flatness in concrete pavements

According to the ACI, random traffic concrete pavements are classified as follows:

CLASIFICATION	FLATNESS FF	LEVELNESS FL
Conventional	20	15
Moderately flat	25	20
FLAT	35	25
VERY FLAT	45	35
SUPER FLAT	60	40

¿What is the legal warranty on the product in general?

It is essential that the floor is completely clean. Irregularities or dirt residues can cause installation issues, such as lifting of pieces or instability in the final finish.

Can I install it over somewhat flexible materials, such as carpets or other floating floors?

No, the installation must be done only on flat, stable, and non-flexible surfaces.

Can it be installed over mortar that still has some moisture, and what is the acceptable moisture limit?

No. Moisture levels must be within the recommended limits:

- **Cement:** $\leq 2.5\%$ CM (7% HR).
- **Anhydrite:** $\leq 0.5\%$ CM (50% HR).
- If there is underfloor heating:
 - **Cement:** $\leq 1.5\%$ CM (60% HR).
 - **Anhydrite:** $\leq 0.3\%$ CM (40% HR).

INSTALLATION

Should a perimeter joint be left between the wall and Quick, and if so, how many mm?

Yes, a perimeter joint of at least 8 mm should be left to allow material expansion.

¿How do I cover the perimeter joints?

With skirting boards specifically designed to cover these areas aesthetically and functionally.

What recommendations exist for expansion joint layout?

Standard recommendations for ceramics should be followed, which generally involve placing joints every 30-40 m², depending on the shape and size of the space.

How do I cover these expansion joints?

Expansion joints are covered using specific profiles designed for ceramics.

Is there a percentage of waste when installing Quick?

The typical waste is between **7% and 10%**, depending on the geometry of the room and the complexity of the necessary cuts..

Can it be installed over underfloor heating?

Yes, Quick is compatible with underfloor heating systems, as long as the recommended conditions are met.

Does the underfloor heating need to be turned off while installing Quick?

Yes, the underfloor heating system must be turned off before and during Quick installation.

It is essential that the floor temperature is between **18°C** and **30°C** to prevent material expansion or contraction issues.

Since it is necessary to use joints, what type can be used?

It is recommended to use epoxy-type ceramic joints due to their water resistance and durability.

Can it be used in wet areas, such as bathrooms with a shower or bathtub?

Yes, it can be installed in bathrooms, but it is not recommended in areas with constant water exposure, such as showers or bathtubs without proper sealing.

Is the installation watertight, or can water get underneath Quick and accumulate, causing mold?

The installation is not completely watertight. In areas where there may be constant water exposure, it is recommended to use proper joints to prevent leaks and moisture buildup

Can the installation start from any side of the room, or is there a recommended starting point?

Yes, you can start the installation from any point in the room, as long as you follow the technical recommendations and respect the perimeter and expansion joints.

Can door frames rest on Quick, or do they need to be free?

Yes, door frames can rest directly on Quick without any structural issues.

Can heavy furniture be placed on top of Quick, or will it prevent expansion movement?

The material is designed to support weight without compromising its functionality.

Can I install Quick on stairs? Do the pieces need to be glued in this case?

It is possible to install Quick on stairs, although it is not recommended due to the difficulty of making precise cuts and the fact that the assembly system may remain visible, affecting the aesthetic finish.

Can it be installed on vertical surfaces?

No, Quick is not designed for installation on vertical surfaces.

Should the Quick pieces be inspected before installation?

Yes, it is essential to inspect all pieces before installation to ensure they have no defects. This inspection should be carried out following the packaging instructions.

Can Quick pieces be installed in an offset pattern without limitations?

Its innovative rail-joining system offers complete versatility. It can be installed in any direction quickly and easily.

If a piece breaks, how is it replaced?

The replacement process is similar to that of a floating floor. Carefully remove the damaged piece and install a new one following the assembly system.

For both vertical and horizontal cuts, can a tile cutter be used?

To cut Quick ceramic tiles, a tile cutter is necessary. For the joining system and the insulating underlayment, a utility knife is recommended.

Is a 5 mm perimeter joint sufficient?

No, la junta perimetral debe respetar las recomendaciones estándar para pavimentos cerámicos, que generalmente establecen un mínimo de **8 mm**

If a floor already has underfloor heating, how does it heat when Quick is installed on top? How long does it take?

Quick-Ceramic is compatible with low-temperature underfloor heating systems, as long as the contact temperature does not exceed 27°C.

Quick can be installed over:

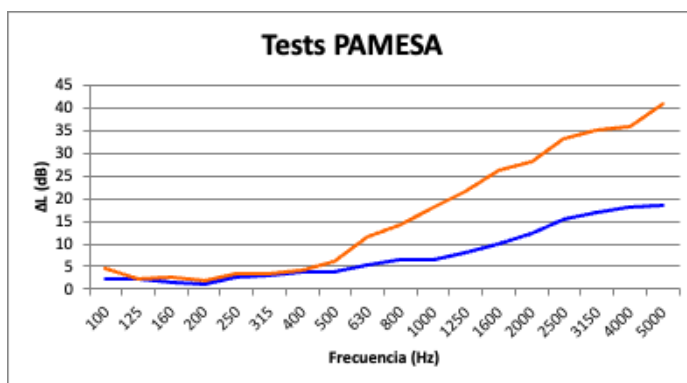
- **Hot water systems:**
 - Embedded in screeds (wet systems).
 - Placed on dry bases (dry systems).
- **Electric systems:**
 - Embedded in screeds (wet systems).
 - Placed on dry bases (dry systems).

It is essential to follow the underfloor heating provider's instructions and comply with current regulations to ensure a correct installation.

How much acoustic insulation does Quick-Ceramic provide in decibels?

Quick-Ceramic offers better acoustic insulation compared to conventional ceramic. While traditional ceramic provides a reduction of ΔL 12 dB, Quick-Ceramic achieves a reduction of ΔL 18 dB.

Hz	Ceramic floor without	Click ceramic flooring
100	2.27	4.46
125	2.27	2.42
160	1.39	2.64
200	1.11	2.08
250	2.7	3.4
315	3.05	3.46
400	3.85	4.27
500	3.84	6.12
630	5.46	11.52
800	6.56	14.41
1000	6.72	18.21
1250	7.94	21.53
1600	10.15	26.24
2000	12.23	28.19
2500	15.56	32.99
3150	16.79	35.2
4000	17.97	35.74
5000	18.56	40.97



ceramic floor without ———

click ceramic flooring ———

CLEANING/MAINTANCE

Can Quick be cleaned with water, or will water seep into the joints?

Yes, cleaning is identical to ceramic since it is a porcelain floor with grouting, just like in traditional installation.

SAVINGS

How much is the savings in installing Quick versus traditional installation?

According to the attached table, installation savings with the Quick system is approximately 30% compared to traditional installation.

Description	TRADITIONAL SYSTEM (90 SQM APARTMENT)				QUICK CERÁMICA SYSTEM (90 SQM APARTMENT)			
	RRP	Unit of sale	Quantity	Cost	RRP	Unit of sale	Quantity	Cost
RRP TILE 60X120	25,99	€/SQM	90	2.339,1 €	39,95	€/SQM	90	3.595,50 €
Average cost of demolition of old ceramic tiles	15	€/SQM	90	1.350,0 €				
Average installation cost	42	€/SQM	90	3.780,00 €	15	€/SQM	90	1.350,00 €
Porcelain Tile Adhesive H40 Kerakoll 20kg	14,35	€/BAG	15	215,25 €				
Self-leveling wedges	50	€/BAG 1000 WEDGES	1	50,00 €				
Other costs (permit fees, waste management, etc.)								
Grout	9,55	€/BAG	5	47,75 €	9,55	€/BAG	5	47,75 €
Total cost				7.782,1 €				4.993,25 €
TOTAL SAVINGS: 35,84 %								