



Fortelock

The system of industrial PVC tiles with locks for free setting

Product characteristics

Fortelock system is made up of industrial tiles from 100% pure **PVC** with locks for free setting.



Using product

Fortelock system is designed to create a wear layer of industrial floors with high traffic loads, where is required extra resistance to abrasion, resistance to shock and to the absorption of liquids (oils, solvents and others).

Fortelock system is installed on new and old materials of different quality.

System Benefits

1. **Speed and simplicity** of laying
2. **Dust-free and non-slip surface**
3. **Minimum need for underground correction** (surpass oil, cracks, etc.)
4. Long-term **endurance and stability** even in heavy duty
5. **Resistance** to mechanical damage, but also against oils and chemicals
6. **Choice of** custom color combinations
7. Acts as a sound, temperature and vibration **insulation**
8. In the case of damage can be replaced only one tile
9. The floor is **removable and transportable**
10. Possibility of carrying out **anti-static version**
11. **CE Certification**

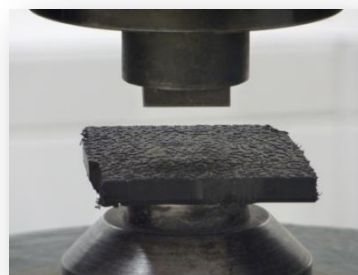


Test certificates

Were carried out initial product testing and conformity assessment according to EN 14041 by the European Community Council Directive 89/106/EEC (CPD - Construction Products Directive) and the product has a declaration of conformity.

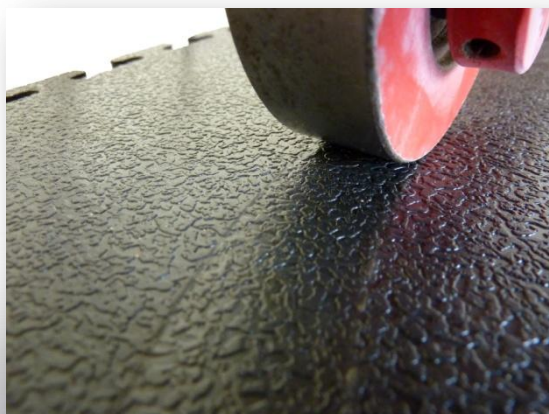


Fortemix company also developed tests for testing their own products, such as Locktest, which measures the strength of the locks of tiles, or uses the test to determine the press deformation tile after high load.



Technical parameters

Hardness	92 Shore A
Abrasion resistance BCA	0.00 μm
Compressive strength	521 kg / cm^2
Deformation after static loading	0,01 mm (residual print) 0,1 mm (print)
Resistance to window light	no change
Reaction to fire	C _{fl} - s2 hardly inflammable
Slip-resistance (dyn.coef.)	0.75
Bursting strength (strength at break)	1382 t / m^2
Chemical resistance	Without damage (short term)



Installation procedure



Tiles **Fortelock** must be placed in a room where the system will be installed min 24 hours before the laying to offset the ambient temperature and the tiles and to avoid the additional stress during installation.

Tiles **Fortelock** can be placed on virtually any hard surface that is smooth and straight. Inequalities fix by leveling material **Fornivel**, cracks and holes fill by **Fortegrout**.

First, use the full tiles and then trimmed tiles.

Tap locks by rubber hammer.

Around the columns, shelves and walls allow the gap 5 mm. This gap can be filled by flexible sealant or cover trim. Tiles **Fortelock** can be simply cut by saw.

Under normal circumstances there is no need to **Fortelock** tile be stuck to the base layer. The exception is where the floor is exposed to large temperature fluctuations (especially direct sunlight) or where the forklift spins or floor where is the long-term humidity and water. In these places use tile adhesive.



Cleaning and Maintenance

Perform cleaning cleaning machine with rotary brush PVC.

Notifications

- Animal urine and feces cause fading of tiles.
- Acids in certain food products such as tomato paste can discolor white tiles.
- Remove chemicals and stains as soon as possible.
- Only for use in interiors.



Product types

Designation	Fortelock 2010	Fortelock 2011	Fortelock 2015
Product type	Tiles	Tiles antistatic	Ramp and in one corner
Dimensions	500x500x6,5mm	500x500x6,5mm	500x120x6,5mm
Surface	Fine-grained	Fine-grained	Fine-grained
Weight	2 kg	2 kg	0.63 kg
Standard colors (others on request)	Black, white, yellow, gray, green	Black, white, yellow, gray, green	Black

Packaging

Fortelock tiles are packed in 10 pieces in a box and 48 boxes per pallet



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