

SELF-ADHESIVE PVC INDUSTRIAL FLOORING

by **VIFERMECA**







VIFERMECA

VI.FER.M.E.C.A. was founded in 1975 in San Lazzaro di Savena, in the province of Bologna; since its foundation it has engaged in the production of moulds for plastics and moulding processes.

We are specialized in the design and production of plastic injection moulds.

Our competent, highly trained technical staff can carry out custom processes tailored to your needs, in small, medium or large quantities.

The objective of VI.FER.M.E.C.A. is to maintain a high standard of technology: this is made possible by constant refurbishment and upgrading of our machinery, equipment and production processes.

The experience that the company has built up over the years enables us to mould and process plastics on a contract basis in the lighting, model making, nautical, household goods and medical sectors.



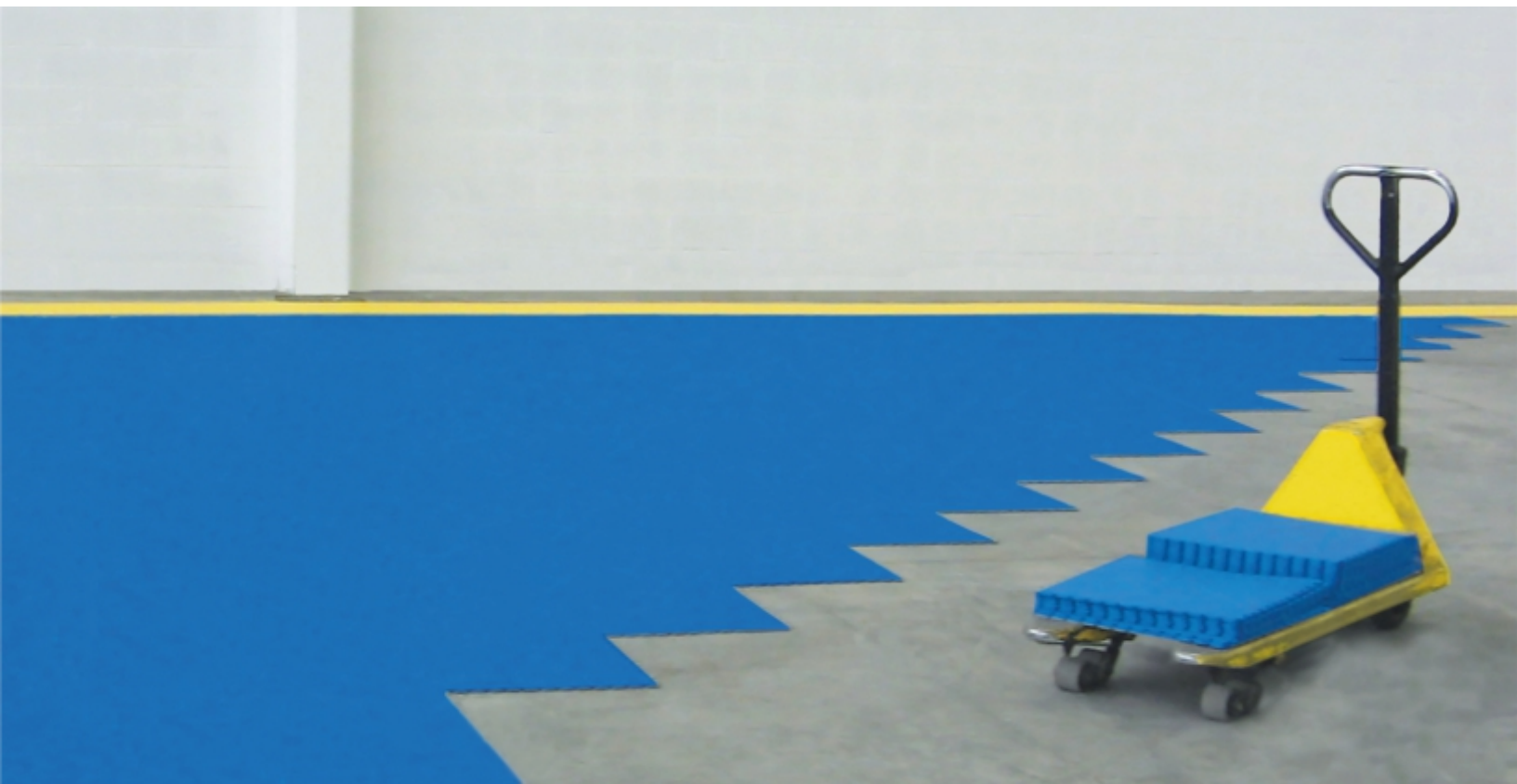


U-TILE tiles are manufactured by injection moulding with non-recycled virgin 100% PVC, which guarantees excellent quality and durability.

The **U-TILE PVC Floor System** has a wide variety of applications:
Production and commercial facilities - Warehouses and mezzanines - Shops and offices
Sports centres - Schools and hospitals - Airport terminals and railway stations.

Its main advantages are:

- Fast, easy installation
- There is no need to suspend work activities
- No gluing required
- Long life and resistance to wear
- Excellent resistance to chemical agents
- Anti-dust surface
- Protects materials that are dropped from damage
- Comfortable to walk on
- Flexibility in area colour coding





U-TILE PVC Floor System **STANDARD**

Surface:

non-slip hammered R10

Material:

100% virgin PVC

Tile size:

500 x 500 mm (490 mm x 490 mm coverage)

Tile thickness:

5.5 - 6.7 - 7.5 mm

(For a complete description and product specifications see technical data on pg. 6)





UTILE PVC Floor System **LIQUID STOP** (watertight)

Surface:

non-slip hammered R10

Material:

100% virgin PVC

Tile size:

500 x 500 mm (490 mm x 490 mm coverage)

Tile thickness:

7.5 mm

(For a complete description and product specifications see technical data on pg. 6)





UTILE PVC Floor System **BICOLOR SPECIAL** (with marking)

Surface:

non-slip hammered R10

Material:

100% virgin PVC

Tile size:

500 x 500 mm (490 mm x 490 mm coverage)

Tile thickness:

5.5 - 6.7 - 7.5 mm

PATENTED

Patent no. 0000279021

(For a complete description and product specifications see technical data on pg. 6)



PRODUCT DESCRIPTION

Material:	100% virgin PVC
Tile size:	500 x 500 mm (490 mm. x 490 mm. coverage)
Tile thickness:	5.5 - 6.7 - 7.5 mm
Tile weight:	thickness 5.5 mm: 1.6 Kg. thickness 6.7 mm: 1.9 Kg. thickness 7.5 mm: 2.2 Kg.

TECHNICAL DATA

Specific weight:	ISO 1183	gr/cm ³	1,260 ± 0,02
Breaking load:	ISO 527	N/mm ²	17 ± 3
Elongation at break:	ISO 527		285 ± 30
Dielectric rigidity:	DIN 53841	Kv/cm	250 - 350
Abrasion resistance:	ISO 4649	mm ³	88
Thermal conductivity:	DIN 52612	W/mx	0,12 - 0,15
Compression set:	ISO 815	%	33,3
CE marking:	EN 14041		

Chemical resistance

Acidic solutions:
 Hydrochloric acid max 36%
 Phosphoric acid max 25%
 Nitric acid max 25%
 Acetic acid max 10%
 Citric acid








Basic solutions:
 Sodium hydroxide max 40%
 Ammonium hydroxide
 Hydrogen peroxide max 30%
 Methyl alcohol, ethyl alcohol
 Isopropyl alcohol, Ethylene glycol

Withstands contact with oil over limited areas.

Use dark colours for contact with vulcanized rubber-based materials.

Fire resistance:	EN 13501-1	bfl-s1	
Hardness:	ISO 868	92 ± 2	Sh A
Formaldehyde class:	E1		
Slip resistance:	DIN 51130	Class R10	

AVAILABLE COLOURS

			
RAL 9004	RAL 7001	RAL 7015	RAL 5010
			OTHER COLOURS ON REQUEST
RAL 6028	RAL 3000	RAL 1023	

ACCESSORIES

RAMP



mm. 450

CORNER



mm. 130

The product is also available in an antistatic version.



Electrotechnical Evaluation
Evaluation of floor tiles



Electrostatic Discharge Association



at work..... with comfort

U-TILE Comfort is an ergonomic, non-slip floor mat, especially well suited to areas where people work standing.

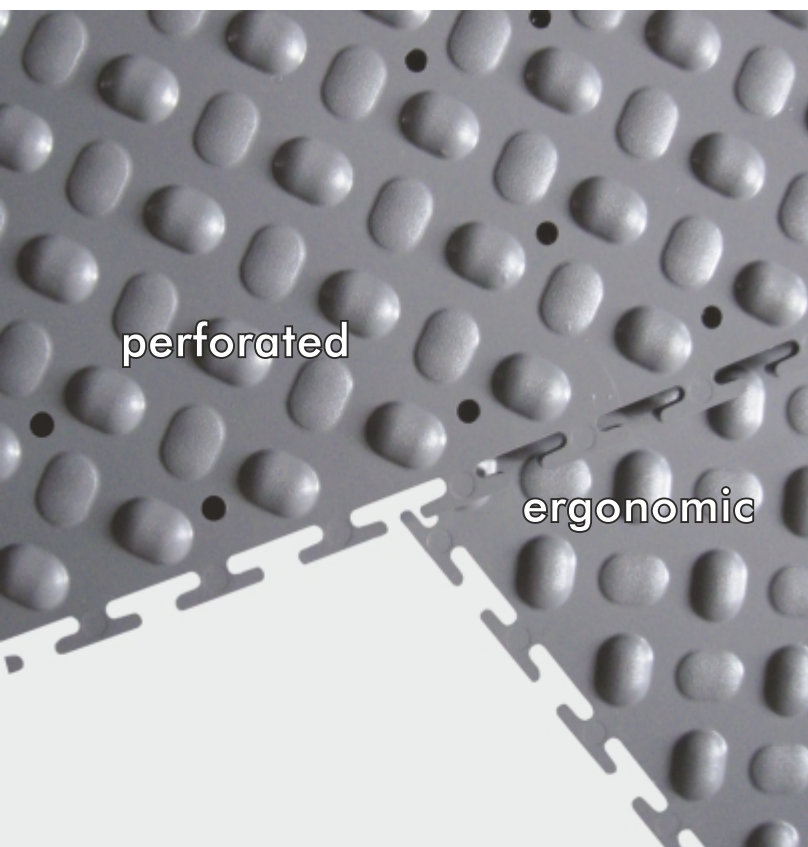
This system consists of tiles that snap together.

The tiles have a non-slip, variable height bubble top surface.

The bubbles yield under the pressure of feet and ensure stability and resistance to slipping.

Its main advantages are:

- fast, simple installation and removal
- avoids damage to accidentally dropped materials
- hygienic and washable
- anti-fatigue
- non-slip surface
- excellent thermal insulation
- drainage of liquids (perforated version)



PRODUCT DESCRIPTION

Material:	100% virgin PVC
Tile size:	500 x 500 mm. (490 mm. x 490 mm. coverage)
Tile thickness:	17 mm.
Tile weight:	2,6 Kg.

TECHNICAL DATA

Specific weight	ISO 1183	g/cm3	1,315
Hardness	ISO 868	Shore A	82
Breaking load	ISO 527	N/mm2	16,5
Elongation at break	ISO 527	%	300
Stiffness in torsion – temperature	ISO 458	°C	
Thermal stability	CEI 20-34/3-2	Minutes	40
Oxygen index	CEI 20-22/4	%	27,5

AVAILABLE COLOURS



RAL 9004



RAL 7001

ACCESSORIES

RAMP



mm. 500 x 140

CORNER



mm. 140





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