

Floor&Wall UltraFix 665

SOFT FLOOR & WALL COVER ADHESIVE

PRODUCT DESCRIPTION

PENOSIL Floor&Wall UltraFix 665 is a solvent-free and water-based acrylic adhesive with strong immediate adhesion.

PENOSIL Floor&Wall UltraFix 665 provides excellent initial grab for a quick and easy installation. It can be used to install various floor and wall coverings, such as vinyl, cork, linoleum, PVC, felt and many others carpet types to absorbing and non-absorbing substrates.

MAIN BENEFITS

- Compatible with wide range of materials.
- Ready to use. No mixing required and easy to apply with a trowel.
- Fast early grab and short processing time.
- Permanent strong bonding.
- Elastic.
- Does not contain organic solvents.
- Low viscosity.
- Low odour.
- Low VOC.
- Non-staining.
- Cleanable with water.
- Indoor applications.
- Suitable for virtually all vinyl floor coverings and carpets.
- Suitable for use over underfloor heating systems.
- Suitable subfloors:
 - Cement
 - Self-levelling compounds
 - Plasterboard
 - Concrete
 - Fibreboard

PACKAGING INFORMATION

This product is available in 15 kg. plastic bucket.

* European pallets: 120x80 cm

Other packaging is available under request.

COLOURS INFORMATION

White.

Other colours are available under request.

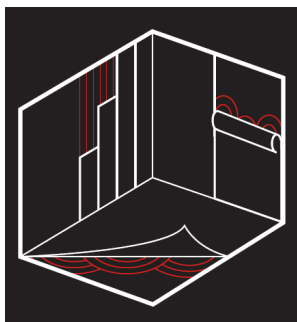
STORAGE

This product must be stored in pails hermetically sealed.

Shelf life is at least 12 months for plastic bucket, in the unopened original packaging, in dry conditions and protected from direct sunlight and from frost, at temperatures between +5°C and +30°C.

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FIELDS OF APPLICATION



PENOSIL Floor&Wall UltraFix 665 is suitable to install various floor and wall coverings, such as vinyl, cork, PVC, felt and many others carpet types.

PENOSIL Floor&Wall UltraFix 665 can be used on absorbing and non-absorbing substrates, such as cement subfloors, concrete, self-levelling compounds, plasterboard, fibreboard, and even over underfloor heating systems.

TYPICAL TECHNICAL DATA

Basis:	Acrylic emulsion
Consistency:	Non-sag paste (spreadable)
Specific gravity:	(ISO 2811-1) Approx. 1,40 g/ml
Working time:	Approx. 20 minutes (at 23°C; 50% R.H.)
Curing time:	60 minutes (at 23°C; 50% R.H.)
Final adhesion:	Minimum 24 h
Consumption:	3-4 m ² /Kg (depending on the notched trowel thicknesses and subfloor)
Optimal application temperature:	Between +15°C to +25°C
Relative humidity in the room:	65% max.
Temperature resistance after curing:	-30°C to +70°C

These values may vary depending on environmental factors such as temperature, moisture, and type of substrates. Open time will be shorter at higher temperatures and lower humidity, but longer at lower temperatures, higher humidity and with low-absorbent substrates.

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DIRECTIONS FOR USE

Surface preparation and application

A. Cleaning and surface preparation:

Proper surface preparation is crucial. The substrates must be clean, dry and free of old residues, polish, dust, grease and other contaminant which may affect the adhesion. Painted surfaces must be well cured and free of loose paint.

Irregular, old or unstable substrates should be prepared until a strong adhesion surface has formed. It is necessary to fill all the perforations and irregularities of the support, trying to obtain a support as flat as possible.

Prior to gluing, the adhesive and the material to be glued should achieve the same temperature as the floor (+15°C to +25°C).

Check the moisture content of the floor before applying PENOSIL Floor&Wall UltraFix 665. Relative humidity of the substrate should be 85-90% at the maximum, depending on the material. Protect from moisture, if needed.

B. Primer:

PENOSIL Floor&Wall UltraFix 665 adheres to most common construction materials without primer. However, a preliminary adhesion test is recommended on every surface. Sometimes it may be necessary to treat the very absorbent surfaces with a suitable primer to obtain better adhesion performances. Concrete floors and floors made from a levelling compound are recommended to be primed. Please contact us for technical assistance.

C. Adhesive application:

Stir the adhesive in the bucket and spread evenly with an appropriate V notched trowel over the subfloor. Hold the trowel in the correct position to apply the proper amount of adhesive. Allow to partially dry to a firm tack before laying the floorcovering. Apply to an area of such a size it can be covered within the specified application time, whilst the adhesive remains receptive and gives good transfer.

When installing thin wall coverings, a roller may be used alternatively, to minimise the effect of adhesive shadowing through floorcoverings.

On absorbent substrates, install flooring immediately or after a short waiting period (5-15 minutes), to reduce the potential for sliding, and make sure that the whole flooring surface has a good contact with the adhesive. The latest time for wet gluing is up to 20 minutes after applying adhesive to the substrate.

Covering should be well rubbed taking care to avoid air pockets and ensuring good adhesive transfer, pressing from the centre outwards. Best results are achieved by using a flooring roller.

“Double drop technique” is recommended on non-absorbent surfaces or installing sheet floor coverings, to reduce waiting time. Lay the floor covering into the wet adhesive, press the surfaces together to achieve transfer and then remove immediately. Allow the adhesive to dry until it is touch-dry but tacky and replace the flooring accurately in position.

Check with the manufacturer that the covering is approved for this type of installation. When installing floors or walls coverings, instructions by the manufacturer should always be followed. With regard to floor heating, the precautions according to the manufacturer of the flooring should always be followed.

D. Cleaning:

Do not allow to dry. Uncured adhesive could be easily cleaned with warm water. Remove cured adhesive with alcohol.

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Remarks

To achieve the best performances, all materials should be acclimated to room temperature a minimum of 24-hours prior to installation. Optimal application temperature must be between +15°C to +25°C. Relative humidity should not exceed 65%.

Never install flooring on a substrate which contains too much moisture, or which is not protected against possible rising damp.

Underfloor heating must be switched off for 48 hours before and after the installation.

Do not dilute the adhesive.

Do not apply loads or move furniture on the floorcovering until the adhesive has fully set.

Please note that as it is impossible to ascertain on site conditions and final application of product by the end user, it is the end user responsibility to test a small area of the adhesive suitability against materials on site to judge the adhesive to be fit for purpose.

Safety

Uncured product must be used in well-ventilated areas, avoiding skin and eye contact.

Keep out of the reach of children.

The information regarding the safety of the product is available on safety data sheet (SDS). Before using the product, we recommend to read carefully the SDS and the safety labels.

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GUARANTEE INFORMATION

WOLF GROUP warrants that its product complies, within its shelf life, to its specification.

If any responsibility were to be considered ours, this would be only for any damages and for the value of the merchandise supplied by us and used by the customer. It is over understood that we warranty the irreproachable quality of our products in accordance with our General Conditions of Sales and Supply.

Liability

The information in this document, in particular recommendations regarding the application and final use of our products, are given in good faith based on our knowledge and is the result of tests and experience and are intended as guidelines. It is the responsibility of the user to determine whether the product is suitable for the application. Due to the great variety of materials and conditions, which are beyond our knowledge and control, we recommend carrying out sufficient previous trials.

The property rights of third parties must be respected.

TECHNICAL DATA SHEET
Penosil Floor&Wall UltraFix 665
v01 - 12.2023

This TDS replaces and supersedes all previous data sheets on the same product.

[penosil.com](https://www.penosil.com)