

GlamFusion®

The Waterproof Wallcovering

1. Description

GlamFusion® is the prefinished waterproof wallcovering that does not require any waterproofing application by the installer.

2. Uses

GlamFusion® is the ideal solution for covering vertical internal surfaces (not doors) in residential and commercial environments subject to frequent stress (kitchens, gyms, wellness areas, accommodation) or with occasional direct exposure to water (bathrooms/showers, spas).

3. Preparation of the substrate

GlamFusion® must be applied to smooth, even and white surfaces. Apply an acrylic aqueous dispersion primer as per the manufacturer's instructions. Wait for the indicated drying time to elapse before installing GlamFusion®.

If working on a ceramic surface, it must be sanded using fine grained paper, and a second time using extra-fine grained paper. Apply the first coat of white, fine-textured skimming mortar (MAPEI PLANITOP 200 in white, for example) and let it dry. Apply a second coat of white, extra fine-textured skimming mortar (white MAPEI PLANITOP 560, for example), and let it dry. Apply an acrylic primer and then begin the GlamFusion® installation.

If working with existing plaster or slightly uneven surfaces, they must be sanded using fine-grained sand paper. Apply a coat of white, extra fine-textured skimming mortar (white MAPEI PLANITOP 560, for example), and let it dry. Apply an acrylic primer and then begin the GlamFusion® installation.

4. Hanging instructions

Installing GlamFusion® in dry areas:

- 1) The sheets are numbered consecutively. Start to apply the first sheet, taking care to check that it is perfectly perpendicular to the floor using a laser level or plumb line.
- 2) The Adhesive Pro glue is ready to use. Apply the glue using a wool, shorthaired roller, covering the wall area required by the first sheet and extending 10 cm outward (towards the second).
- 3) When positioning the first sheet, leave a border on the top to compensate for any uneven wall areas.
- 4) Using a silicone roller, press the sheet's edges onto the wall, ensuring that the seams between sheets adhere well. Remove any excess adhesive from GlamFusion® immediately using a damp sponge (rinse the sponge frequently with lukewarm water).
- 5) Position the remaining sheets, ensuring that the design is perfectly lined up between each. Use a professional cutter to remove any excess covering.
- 6) Ready for immediate use in dry areas.

Installing GlamFusion® in damp or temporarily wet areas:

- 1) The sheets are numbered consecutively. Start to apply the first sheet, taking care to check that it is perfectly perpendicular to the floor using a laser level or plumb line.
- 2) The GlamFusion® Adhesive Aqua is ready to use. Apply the glue using a 1 mm toothed spatula, covering the wall area required by the first sheet and extending 10 cm outward (toward the second).
- 3) When positioning the first sheet, leave a border on the top to compensate for any uneven wall areas.
- 4) Using a silicone roller, press the sheet's edges onto the wall, ensuring that the area around the seams, and the seams between two sheets, adhere well. Remove any excess adhesive from GlamFusion® immediately using a damp sponge and/or bleach or ammonium-based soap.
- 5) Position the remaining sheets, ensuring that the pattern is perfectly lined up between each. Use a professional cutter to remove any excess material.
- 6) As soon as all the sheets are in place, you must seal the bottom border. Place masking tape along the wall, 2 mm from the floor or shower base, and along the floor, 2 mm from the wall. Apply a strip of GlamFusion® Sealant to the uncovered space, making sure it adheres well, and immediately remove the tape. Follow the same procedure to seal areas where the GlamFusion® must be cut, i.e. for mixers, taps, shower heads, etc.

5. Technical characteristics

DIMENSIONS:

Thickness	0,4 mm 0.01 in
Roll width	95 cm 37.4 in
Roll length	custom

Liquid water permeability coefficient* (UNI EN 1062-3)	w 0,01 Kg/(m ² x h0,5) - waterproof
--	---

Reaction to fire* (UNI EN 13501-1:2009)	Classification: C - s1, d0
---	----------------------------

Resistance to stains (ISO 10545-14):

-Chrome green in light oil	Class 5
-Olive oil (def. Olive Oil Agreement - 1979)	Class 5
-Iodine (13 g/l alcohol solution)	Class 1

Chemical resistance (ISO 10545-13):

-Household chemicals: ammonium chloride 100 g/l	A(V)
-Additives for swimming pools: sodium hypochlorite 20 mg/l	A(V)
-Universal scale remover	A(V)
-Citric acid 100 g/l	LA(V)
-Hydrochloric acid 3% V/V	LB(V)
-Potassium hydroxide 30 g/l	LB(V)
-Hydrochloric acid 18% V/V	HB(V)
-Lactic acid 5% V/V	HB(V)
-Potassium hydroxide 100 g/l	HB(V)

Coefficient of linear thermal expansion* (UNI 6061)	0,0000034
---	-----------

Bonding to the support by pull-off (UNI EN 1542) (plasterboard panel, thickness 15 mm)*	No surface alteration
---	-----------------------

Bonding to the support after 10 thunder-shower cycles (UNI EN 13687-2)	0,19 Mpa
--	----------

Surface hardness expressed with the Mohs scale (UNI EN 101)	MOHS 8
---	--------

Deep abrasion resistance (UNI EN iso 10545-6)	Removed volume 25 mm ³
---	-----------------------------------

*Test carried out on sample with joins.

6. Cleaning and maintenance

GlamFusion® maintains its original appearance over time with minimal care and simple precautions. Hot soapy water, neutral household cleaners or alcohol solutions allow most of the dirt or debris to be removed. Products such as ammonia, anti-limescale, degreasers and bleach may be used but must be diluted and rinsed off thoroughly within 24 hours after application.

7. Precautions

GlamFusion® is non-porous therefore is resistant to dirt. Some chemicals can, however, stain it, discolour it or damage it. These include hydrochloric acid and lactic acid. The extent of the damage will depend on the duration of the contact with the chemical. If products like anti-limescale, bleach, and diluted soda (1M solution) are used, they must be rinsed off thoroughly to prevent the formation of variations in the surface of the material.

8. Contents of the package

For dry environment:

GlamFusion®: waterproof wallcovering.

Adhesive Pro: specific adhesive.

For damp environment or in temporary contact with water:

GlamFusion®: waterproof wallcovering.

GlamFusion® Adhesive Aqua: moisture-curing adhesive.

GlamFusion® Sealant: waterproofing sealant.

9. Warnings

– Ensure that the surfaces to be covered are plumb and square, smooth, planar and of an even, white colour. No leaks, joints, screws or imperfections should be visible.

– For any information not provided herein, please contact Glamora Customer Service on +39 0536 076 403 or write to contact@glamora.it