

Tile Glue

Nature et Harmonie®



Odourless, soluble in water and very easy to use, Nature et Harmonie® Tile Glue is specifically designed for laying indoor or outdoor floor or wall tiles. Containing no VOC or formaldehyde, this very high quality environmental glue will be highly appreciated for its technical qualities and very high resistance even under extreme conditions. This glue is compatible with under-floor heating systems.

1. Properties

Hydrosoluble powdered glue.

Indoor – Outdoor.

Free of VOCs (no emissions after 3 days and 28 days).

Formaldehyde-free.

Free of benzene and other substances such as phthalates or trichloroethylene.

White cement used instead of the traditionally used grey cement. Free of Chrome VI (carcinogen).

Practically odour-free.

Glue respecting the environment and health.

Easy to apply.

Very good opening time.

Excellent wetting properties.

Fast drying.

Very resistant, even under the most extreme conditions.

Resistance: - 30°C to + 70°C.

Passes the immersion resistance test: simulates the condition of the tiles following water damage.

Suitable for laying any kind of tiles on floors and indoor walls, new or old.

Lets the surface breathe while regulating humidity.

Compatible with a heating floor.

Compatible with anhydrite floor after application of Special Anhydrite Floor Primer.

Glue mortar class C2 (improved adhesion).

European Classification: EN 12004.

2. Base surface and preparation

Floors: cement floor, lime floor, floating slab, heating floor (excluding electric radiant floor), anhydrite floor, dry floor, concrete slab, etc.

Walls: plaster, plasterboards, plaster tiles, Fermacell®, mineral coating, concrete, cellular concrete, etc.

The base must be absorbent, clean, dry, free of dust and grease marks (if necessary clean with Nature et Harmonie® Diluent).

Carefully remove old paint, traces of glue and concrete laitance. Fill any holes and flatten the base surface if necessary.

First apply a layer of Nature et Harmonie® *Special Floor Primer* with a brush or roller to an absorbent, clean, stable, dry, hard, adhesive and dust-free surface, and wait for 24h before

applying the glue. The *Special Floor Primer* hardens and stabilises highly absorbent bases before application of *Tile Glue* or *Universal Glue*.

Do not use on walls and floor subject to rising damp or which are friable or unstable.

3. Product preparation

Prepare the quantity of water in a clean container (provide 6 to 7 l of water to prepare one 25 kg bag and about 1 to 1.5 l of water to prepare 5 kg). Gradually pour the *Tile Glue* into the water, mixing constantly with a mixer on slow speed, until you obtain a smooth, lump-free paste. Leave to rest for 5 minutes before use.

Effective application time: 4 hours.

4. Application

Application temperature: 8°C to 30°C.

Apply Nature et Harmonie® *Tile Glue* with an glue comb or notched spatula. The choice of notching depends on the flatness of the surface, tile format and method of adhesion. Double adhesion is recommended for tiles larger than 30 x 30 cm.

Never apply to a hot, frozen or thawing floor. On a heating floor, switch off the heating at least 24 hours before application.

Open time: 20 to 25 minutes.

Adjustability time: 15 minutes.

Initial adhesion > 1 Mpa.

5. Colour

White.

6. Application equipment

Glue comb or notched spatula.

7. Dilution

Product dilution and preparation in water.

8. Cleaning the tools

Clean the tools in soapy water immediately after use.

9. Drying time

Light traffic after 24 hours. Drying time varies according to temperature, ambient humidity and the quantity of glue used. Wait 24 hours before grouting.

10. Consumption

Wall tiles: 0.5 to 1 m² / kg.

Floor tiles: 0.2 to 0.3 m² / kg.

Yield varies with the tile format, adhesive procedure and choice of notching.

11. Packaging

5 kg - 25 kg

12. Storage

6 to 9 months from the date of manufacture, in its original packaging, unopened, in a cool, dry place, away from damp.

13. VOC, VAH and CMR

This product does not contain VOC*.

This product does not contain VAH*.

This product does not contain CMR*.

14. Composition

Quartz sand, marble powder, white cement, latex, cellulose.

15. Precautions for use

Although it is manufactured with ecological, non-toxic ingredients, keep away from children and do not dispose of down the drain. Because of the presence of cement, protect eyes and skin during preparation and application.

***VAH:** Volatile Aromatic Hydrocarbons.

***CMR:** Carcinogenic, Mutagenic, Reprotoxic substances.

*Conformity with **European Ecolabel, HEQ** (High Environmental Quality) **Label**