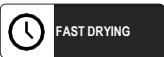
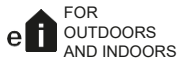


Tradimass Dry

Pre-mixed mortar with compensated shrinkage, for indoor and outdoor use, for quick-drying screeds, both floating and adherent, for laying elements that require fast installation.



Use this QR code for further details on application modalities, safety sheet and other information.

52 Product code



Technical characteristics

1-day compressive strength UNI EN 13892-2	15 MPa
3-day compressive strength UNI EN 13892-2	20 MPa
7-day compressive strength UNI EN 13892-2	33 MPa
28-day compressive strength UNI EN 13892-2	38 MPa
Flexural strength at 28 days UNI EN 13892-2	10 MPa
Minimum application thickness for floating screed	3.5 cm
Minimum application thickness for adherent screed	2.0 cm

Coefficient of thermal conductivity UNI EN 1745	0.62 W/mK
Cured product density	2100 kg/m³
Fire reaction class UNI EN 13501-1	A1
Walkability	12 h
Ceramic paving	1 day
Implementation of moisture-sensitive flooring	4 days

Description

Tradimass Dry is a shrinkage-compensated mortar for screeds with fast drying (4 days) and normal setting times, based on special hydraulic binders and aggregates with selected grain size. Suitable for the preparation of screeds,

walkable after 12 h, both adhering and floating, on new and old slabs, indoors and outdoors for laying wood, linoleum, PVC, ceramics, natural stone, carpet, etc.

Physical characteristics

Package	25 kg
Consistency	powder
Apparent density	1550 kg/m ³
Mixture water	8% moist soil 10% fluid consistency
Aggregate maximum size	≤ 2.5 mm

Workability time	30 min
Theoretical consumption (per cm of thickness)	18 - 20 kg/m ²
Temperature of use	+5 °C/+35 °C
Storage period	12 months in unopened packages away from humidity

Fields of application

Tradimass Dry is suitable for the preparation of screeds, both adherent and floating, walkable after 12 hours, able to accommodate the installation of ceramic tiles after only 24 hours, and completely dry (RH) on new and old slabs, indoors and outdoors. Ideal for creating substrates for the installation of moisture-sensitive elements such as:

- wood;
- linoleum;
- pvc;
- ceramics;
- carpet;
- radiant flooring.

Substrate preparation

The substrate must be hard, rough, clean and free of any loose parts. Always wet the floor before laying Tradimass Dry.

It is possible to apply Tradimass Dry on all types of substrates as long as they are stable and not subject to rising damp.

Product preparation and application

Mix a 25 kg bag with 2 litres of water for at least 5 minutes to achieve a moist soil consistency. The mixture with a semi-plastic consistency (wet earth) should be laid using the same techniques as for traditional cement screeds, i.e. by preparing the level bands, spreading the mixture, compacting it and trowelling it. For the creation of a

floating screed, lay an impermeable sheet (polyethylene, PVC, tar board, etc.) on the substrate and then apply the material. For the creation of adherent screeds, a bonding slurry must be created before applying the material, according to the following dosage: 3 kg Tradimass Dry + 0.5 kg LGS Plus.

Advantages

Silica aggregates

Tradimass Dry consists of silica sand grains. This aggregate has high hardness, low reactivity to acid attacks and, above all, a low water absorption. This means that the product can be easily worked even with low amounts of mixing water,

which offers less shrinkage and better mechanical characteristics, giving longer durability to your work. Careful attention to the grain size curve enables an excellent level of breathability of the hardened product.

Specification item

Creation of quick-drying screeds for interiors and exteriors, on new and old slabs with ready-mixed, ready-to-use cement product to be mixed with water only, such as Tradimass Dry by Tradimalt S.p.A., composed of siliceous aggregates with

selected grain size, hydraulic binders and specific additives.
Theoretical consumption: 18 - 20kg/m² per cm of thickness.
Compression resistance at 28 days 38 MPa



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EN 13813 CT-C38-F10
Tradimass Dry
Cement screed material for use inside buildings

Reaction to fire: Class A1 fl
Release of corrosive substances: CT
Water permeability: NPD
Water vapour permeability: NPD
Compressive strength: C38
Flexural strength: F10
Wear resistance: NPD
Sound Insulation: NPD
Sound Absorption: NPD
Thermal resistance: NPD
Chemical resistance: NPD



This is Tradimalt's way of communicating, in its information and technical-commercial material, the composition of each product and some of the product's key features. Therefore, the focus is on supply chain transparency, not required by any relevant regulation but which Tradimalt nevertheless intends to offer to its customers in order to emphasise the quality of the raw materials, and thus of the product, as well as the safety that the company intends to demonstrate with regard to formulations. The focus is therefore in the "transparency" that the company intends to manifest in the supply chain, which is not required by any current formulation law.

Raw materials contained in the product

Selected raw materials:

- Mix of aggregates (0 to 2.5 mm) with a very high concentration of silica, having high hardness and low water absorption;
- Cements, Portland cement 52.5 R type I from Italian cement factories;
- Sulpho-aluminous cements, with high sulphate resistance, low alkali content, which counteract the shrinkage of the mortar during the hydration phase and regulate the setting time;
- Polycarboxylate ether, with superflowing effect.

End-of-life recyclable product.

Warnings

- Do not mix the screed with an excessive amount of water.
- Do not mix Tradimass Dry with other products.
- Do not apply on supports that are ice-cold, thawing, or risk to freeze during the 24 hours after the application.
- Avoid application in the presence of strong wind or full sunlight; possibly, prevent quick drying by wetting the mixture.
- Do not add neither binding agents nor aggregates to the product.
- For thicknesses of more than 5 cm, it is advisable to use a mesh in frp to increase performance.
- In the case of multi-stage casting, the casting joints are to be constructed with a 20-30 cm mesh, in order to avoid cracks and unevenness.
- Before laying a parquet, carry out appropriate moisture tests with a carbide hygrometer.
- Application temperature between +5 °C and + 35 °C;
- Store the product in its unopened packaging and protected from moisture for up to 12 months.

The technical-practical information contained in the technical data sheet is the result of our most accurate and detailed scientific research and experience in the field. However, since we cannot directly influence the site conditions and the execution of the work, this information is to be considered non-binding and therefore not legally or otherwise mandatory for third parties. This information does not exempt the end user from their responsibility to test our products in order to ascertain their suitability for the intended use. We therefore strongly advise the customer/applicator to carry out the appropriate preventive tests of Tradimalt products so that their suitability can be ascertained.