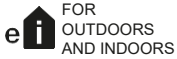


Tradimass

Ready-mixed, ready-to-use mortar for normal-drying internal and external screeds, consisting of cement, selected silica sands, polymer fibres and specific additives.



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

51 Product code



Technical characteristics

Compressive strength at 28 days EN 13892-2	13 MPa
Minimum application thickness for floating screed	3.5 cm
Minimum application thickness for adherent screed	2.0 cm
Theoretical consumption (per cm of thickness)	19 - 21 kg/m²

Fire reaction class UNI EN 13501-1	A1
Cured product density	2100 kg/m³
Aggregate maximum size	≤ 2.5 mm
Coating time	28 days

Description

Tradimass is a ready-to-use pre-mixed mortar for normal-drying internal and external screeds, consisting of Portland cement, selected silica sand, polymer fibres and specific additives. It is extremely easy to use as you only have to mix it with water, excluding the possibility of errors in the binder

dosage and in the choice of aggregate that could compromise the final characteristics of the screed. Its use also provides high daily production rates and optimisation of production processes.

Physical characteristics

Package	25 kg
Consistency	powder
Apparent density	1300 kg/m ³
Mixture water	15 - 17 %

Workability time	1 h
Operating temperature	+5 °C/+35 °C
Storage	12 months in unopened packages protected from moisture

Fields of application

Tradimass is suitable for the preparation of screeds, both adherent and floating for laying elements such as:

- wood;
- linoleum;

- pvc;
- ceramics;
- carpet;
- etc.

Substrate preparation

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

You can apply Tradimass on all types of substrates as long as they are stable and not subject to rising damp.

Product preparation

Mix the product with the right amount of water (15 – 17 %), according to one of the following applications:

- tumbler concrete mixer;

- continuous mixing machine;
- pressure pump;
- manually.

Product application

Spread the mixed material, compact it, level it with a rod and finish it off with a trowel. To create a floating screed, lay a waterproof sheet (polyethylene, PVC, tar board, etc.) on the substrate and then apply the material.

It is advisable to reinforce the screed using an electro-welded mesh (Ø max. 5 mm with 20 x 20 mm mesh) in order to further reduce shrinkage phenomena and increase static performance.

Advantages

Silica aggregates

Tradimass consists of silica sand grains. This aggregate has high hardness, low reactivity to acid attack and, above all, low water absorption. This quality results in a product that is easy to process, even with small amounts of mixing water, offering

lower shrinkage and superior mechanical properties, which translates into greater durability of the work. The attention to the particle size curve makes it possible to obtain an excellent level of breathability of the hardened product.

Specification item

Creation of indoor and outdoor screeds with a ready-mixed, ready-to-use cement-based product to be mixed with water only, such as Tradimass by Tradimalt S.p.A., consisting of siliceous aggregates with selected grain size, hydraulic binders and specific additives.

Theoretical consumption: 19 - 21 kg/m² per cm of thickness.
Compression resistance at 28 days 13 MPa



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AG-CPR-13-07

EN 13813 CT-C13-F3

Tradimass

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: C13

Flexural strength: F3

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 with high silica concentration (0 to 2.5 mm), with high hardness and low water absorption;
- Cements, Portland cement 42.5 R type II from Italian cement factories;
End-of-life recyclable product.

Warnings

- Do not mix the screed with an excessive amount of water.
- Do not mix Tradimass 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 strong wind or direct sunlight; prevent rapid drying by moistening the substrate.
- Do not add neither binding agents nor aggregates to the product.
- 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.