



TECHNICAL DATA SHEET

RASOSELF

Reinforced pre-mixed self-levelling cement



20 Kg

DESCRIPTION

RASOSELF is a fast-setting fiber-reinforced self-levelling pre-mixed cement, for smoothing out irregular horizontal substrates and laying parquet flooring, carpet, rubber, PVC, ceramics and natural stones. It crates up to 40 mm in thickness with just one coat, saving considerable time and easy to use. RASOSELF makes any new or existing substrates perfectly flat by correcting thickness differences from 3 to 40 mm with one coat. RASOSELF can be used in residential and industrial dwellings as well as in premises with heavy traffic, indoors and outdoors, on concrete substrates that also have built-in heating/cooling, in cast or precast concrete and on pre-existing properly treated floors.

TECHNICAL DATA CHEMICAL-PHYSICAL CHARACTERISTICS at 20°C (indicative values not constituting product specifications):

Usage ratio (liters of water per bag)	4.8
Pot-life min (min)	20/30
Walk-on time (hours)	6
Waiting time for pouring (always check moisture with a carbide hygrometer before pouring) (hours)	24
Average consumption per m2 (Kg/mm thick)	1.6
Stability and storage in original unopened containers stored in a cool, dry place (months)	12
Cleaning tools	Water
Standard packaging (Kg)	20

APPLICATION

ABSORBENT SUBSTRATES: the substrate must be dry, free from spikes in moisture, solid, rough, dimensionally stable having already completed shrinkage, clean and free of dust, removable parts, paints, waxes and oils, rust, traces of chalk and residues of old adhesives. Substrates that are too absorbent, starchy or insufficiently solid must be sanded beforehand and then treated with PRIMACRIL or PRIMER NP, applying RASOSELF with the wet-to-wet method.

NON-ABSORBENT SUBSTRATES: the substrate must be dry, free from spikes in moisture, clean, free of removable parts and any substances preventing adhesion (paints, oils, greases, waxes, residues of old adhesives...). It must be previously degreased with appropriate detergents, abraded with a special disc and then treated with PRIMER SL. When the primer is completely cured (see the relevant data sheet) apply RASOSELF.

Mix RASOSELF with clean water in the proportion of 4.8 L for every 20 kg of product. Shake with a low rpm electric mixer until you get a homogeneous, lump-free, smooth and well-flowing mixture. Leave it to rest for 2/3 minutes then stir again. If during the mixing phases you notice the surfacing of a red/orange pigmentation, add more RASOSELF to the mixture, stirring again until the anomalous color disappears. Adding additional water to thin the product is advised against, as the final characteristics may be compromised. Mix the quantity you estimate will be used within 20-30 minutes. Apply one single coat of RASOSELF between 3 and 40 mm thick, using a large metal spatula. Consumption varies according to the desired thickness, and as a general rule you may consider 1.6 kg/m² per mm of thickness.

After at least 24 hours (the timing varies according to the thickness applied and the environmental conditions) you can lay down the flooring using the Vermeister two-component epoxy-polyurethane and/or one-component silane terminated adhesives, after checking the residual moisture with a carbide hygrometer (below 2%).

NOTES

Do not apply directly to:

substrates subject to continuous rises in moisture; anhydride-based supports; metal surfaces.

Do not apply a coat that is less than 3 mm thick followed by parquet flooring installation.

Do not add more water to the mixture when it has already started to set.

When laying parquet flooring, check with a carbide hygrometer that the residual moisture is suitable for installation before gluing (less than 2%).

When laying parquet flooring, only use water-free Vermeister adhesives.

Do not apply the product below 5°C and above 35°C.

Incompatible with frost.

Safety precautions. Keep the product in a tightly closed, upright container in a cool place away from sources of heat. The product is classified and coded in compliance with EC Directives/regulations concerning hazardous substances. The information for the user is given in the relevant safety sheet. Empty containers or those containing slight traces of the product must be disposed of in accordance with local regulations. Vermeister S.p.A. guarantees that the details given in this sheet are provided to the best of the company's technical-scientific knowledge and experience; however, the company cannot be held responsible in any way for the results obtained with the products as the conditions of application are beyond the company's control. It is always advisable to check the suitability of the product to each specific circumstance. This sheet cancels and replaces all previous editions.