

New package benefits:

-  Clean packaging
-  Water resistant
-  Vacuum bag-quality warranty
-  Extended shelf life
-  Resistant to mechanical shocks
-  100% recyclable



Product description

Rimano® TEN is a lightweight gypsum undercoat for interior plastering, with heat insulating properties, for manual application.

Intended use

- It can be used for the interior plastering by hand of the brick, ACC, concrete walls, etc.
- It can be applied in layers from 5 mm up to 40 mm thickness.
- It can be used also for renovation and repair works, where the plastering must be reconditioned.
- It is recommended as a replacement of traditional plastering (grout, primer, base coat).

Substrate

- The substrate must be clean, dust-free, oil-free, tars-free, soot-free, unfrozen, dry and protected from excessive moisture.
- Highly absorbent areas (e.g. ACC / AAC brick) must be sprinkled / wetted thoroughly with clean water or treated with Rikombi Grund to equalize absorption.
- Areas with low absorption (e.g. concrete) must be treated with Rimano® Grund to ensure proper adhesion of the plaster.
- Do not apply the product on surfaces made of wood, plastic or previously painted (washable paints, oil based paints, enamels, alkyd paints, etc.). In case of such surfaces it is recommended to remove the whole layer of paint / other material and treat the surface with Rimano® Grund to ensure adhesion.

Application conditions

- The temperature of air, material and substrate must be **above +5°C and below 35°C**.
- Under excessive heat, ventilation or cold, the areas with plastering work in progress or freshly finished plastering, must be adequately protected to normalize temperature and reduce the

intensity of air currents.

- In closed areas appropriate ventilation, without intense air currents, must be provided, in order to ensure proper product drying.

Application

Marking and setting the screeds

- When screeds are used during the plastering one should use the metallic T profiles protected against corrosion by galvanizing or aluminium T profiles.
- They must be fixed by using a gypsum paste (**Rimano® TEN** is recommended).
- The setting of the paste has to be made on the entire length of the profile, in order to avoid the profile bending.

Material preparation

- Sprinkle the product in clean water (never vice-versa!): a bag (25 kg) of powder in approx. 18 litres of water.
- Wait for about 3 minutes for the entire quantity of powder to be soaked in the water, then stir with a mixer until a homogeneous paste is obtained. Attention! Excessive mixing causes shorter working time.
- After mixing no more powder can be added to the resulting paste (lumps will form!). It is possible to add water in the paste to obtain a thinner consistency.
- A second paste mixing is not required.
- Do not mix **Rimano® TEN** with other materials.
- In the case of non-compliance with the **Product Technical Data Sheet** quality defects may occur in the preparation, application and finishing of the product.

Method of application

- The application must be manual with the hawk (by pressing firmly) and the layer can be levelled with the straight edge (of metal) to obtain the desired thickness.
- It should be smoothed until obtaining a flat surface.
- The final surface, resulted after the product is completely hardened and dried, should be covered with a layer of **Rimano® GLET**.

Tools required

- Clean tools must be used (straight edge, hawk, trowel and spatula).
- Attention! Powder remains or hardened plaster remains on tools or work containers, as well as other impurities may shorten the product working time.
- The tools must be cleaned using clean water immediately after use.

Product storage and handling

- The product must be kept in a dry place, in the original sealed bag and protected from bad weather.
- In case of partial use, the bag must be closed as well as possible (to avoid the transfer of moisture from air). It is recommended to be used as soon as possible.

- The product shelf life is printed on the bag.

Occupational and environmental protection measures

- It is recommended to work with appropriate protective equipment: protective clothing, safety glasses, gloves and dust mask.
- Avoid contact with the eyes (if necessary rinse with plenty of water and seek medical advice), prolonged contact with the skin, ingestion / inhalation of the product.
- It is recommended to open carefully the bag and manipulate the powder with care in order to avoid dusting.
- The waste resulted from the packaging and product use will be treated according to legal provisions in force.
- Vacuum packaging 100% recyclable.
- Read and follow the recommendations in the **Product Safety Data Sheet**.

Technical data

The product parameters presented below refer to temperature requirements of 23±2°C and relative air humidity of 50±5%.

Standard of reference	 under EN 13279-1
Class	C4/20/-
Composition	gray plaster, mineral compounds and additives
Fire reaction class	A1
Finesse	99% under 1000µm
Thermal conductivity	approx. 0.23 W/m K
Working time	approx. 90 min.
Powder/water ratio	25 kg of powder / 18 l of water
Material consumption	7.5 kg/m ² /10 mm
Packaging (bag)	25 kg (polyethylene bag)
Pallet	40 bags

Declaration of Performance in System IV.