

## MOULDING

# KOMBI TABLE

A fast-setting moulding mortar for making drawn profiles on a moulding table



## MAIN ADVANTAGES

- Fast setting
- Hydrophobic
- Easy to apply and process
- Reinforced with microfibres - limited shrinkage and tensions during drying

## AREAS OF APPLICATIONS

**KOMBI TABLE** is a fast-setting mortar used to make single-layer drawn profiles on a moulding table or with thin layers on existing profiles. The mortar is suitable both for inside and outside applications.

## TECHNICAL SPECIFICATION

**Composition:** mix of cements, mineral fillers and modifiers

**Temperature of application (air and substrate):** from +5°C to +30°C

**Colour:** beige.

**Grain size:** up to 0.5 mm

**After adding water the product must be used within:** approx. 20 minutes.

**Setting time:** ca. 2 hours (at an air temp. 20°C, RH 65%) **Note:** Do not reuse

dried mortar by adding water or mix with fresh mortar.

**Mixing ratio:** ca. 5.5 l of water per 25 kg of dry mortar

**Gross dry density of hardened mortar:** ca. 1 550 kg/m<sup>3</sup>

**Range of compressive strength:** CS IV;

**Adhesion to substrate:**  $\geq 0.2$  N/mm<sup>2</sup>;

**Water absorption due to capillary action:** cat. Wc0;

**Water vapour permeability coefficient:**  $\mu \leq 13$

**Packaging:** Disposable paper packaging containing 25 kg of the product.

**Storage:** The product should be stored in its original sealed packaging, in dry rooms, on pallets, at a temperature ranging from +5°C to +25°C. Protect against moisture.

**Shelf life:** 6 months from the date of manufacture provided on packaging.

## APPLICATION METHOD

**SUBSTRATE PREPARATION:** The moulding table should be covered with appropriate anti-adhesion agents (e.g. anti-adhesive oil). The substrate where the profile is to be installed should be sound, stable, even, dry and free from biological or chemical efflorescence. In case of algae and/or fungal growth apply **ALGIZID** agent. Old and/or dirty substrates should be washed off and degreased with water and **CLEANFORCE** cleaning agent. Any loose layers not bound to the substrate (i.e. dirt, dust, loose renders or flaked coatings) should be removed. If there is any large unevenness to the substrate, use a levelling compound. Absorbent substrates should be primed with **BUGODRUNTZG/WG** before applying the mortar. Typical setting time ca. 3 h under optimum conditions (at +20°C, 55% RH).

**MORTAR PREPARATION AND APPLICATION:** Pour the contents of the bag into a container with a measured amount of clean and cold water approx. 5.5 l per 25 kg of mortar and thoroughly mix (with a low-speed mixer fitted with a basket stirrer) until homogeneous mixture is obtained. **Note:** Both too long and too intensive mixing may lead to excessive air entrainment of the mortar and, consequently, lowering its strength parameters. After a few profile drawing operations a profile is obtained. To obtain a closed surface apply (draw) mortar with the thinner consistency onto the profile. Use reinforcing mesh inside the profile to make it stronger. **Note:** Do not use rigid reinforcements (construction steel). Depending on its form, the profile can be removed after 2-3 hours. Do not forget to remove anti-adhesion agents from the back side of the profile and make the surface sufficiently coarse. Maximum length for a single profile: 100 cm. Once the profiles are set and dried, they can be installed on the wall.

**USEFUL HINTS:** Store the profiles on wooden gratings to allow for even drying from all sides. Avoid drying in full sunlight or when exposed to heating system or frost and wind. The drying time of profiles may vary depending on humidity and temperature. Uncovered profile part from its top should be properly shaped to allow for draining water. The prepared profile requires seasoning before painting, assuming one day of drying for each 1 mm of profile thickness (for drying at a temperature of + 20 °C and relative air humidity of 65%). The profiles should be covered with a highly diffusive paint coat using **CALSILIT F**, **NOVALIT F** or **ARMASIL F** paints.