

# Tenagreen N 0238 E

## Chemical Description

Silico-aluminate organically modified

## Main Use

Temporary Body Binder, for Green and Dry Tile

## Typical Values

**Appearance at 20 °C:** Liquid

**Colour:** Dark Brown

**Density:** about 1245 gr/l

**pH:** 5,0-9,5

## Product Properties

Tenagreen N 0238 E is a liquid body binder specially developed for ceramic bodies with a low content of plastic clay.

It is a plasticizer for unfired tiles, in fact it increase the body strength (M.O.R.) of Green tile (after Press), and at the same time of Dry Tile (after Dryer).

It can be added directly in the mill, or in the slow mixing tank of the slip, or preferably injected just before the Spray Dry.

It leave unchanged the main characteristics of ceramic body, such as shrinkage and water absorption; if it is added in the advised percentage doesn't influence the rheology of body slip.

It is a product of natural origin (mineral-vegetable), not oil-derived.

## Applications

**Advised Dosage for tiles:** 0,3-1,0%

**Δ Modulus of Rupture Green Tile:** +10-25%

**Δ Modulus of Rupture Dry Tile:** +20-45%

## Storage and Handling

When stored in an original unopened packaging, not under direct sun rays, between 5 and +40 ° the product has a shelf life of 6months from the date of manufacture.

However, it is advisable to shake it before use.

## Packaging

50 Kg drum, 1100 kg IBC

## Material Safety

" Detailed health and safety information can be found in our safety data sheet, available according to ECC Directive."

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