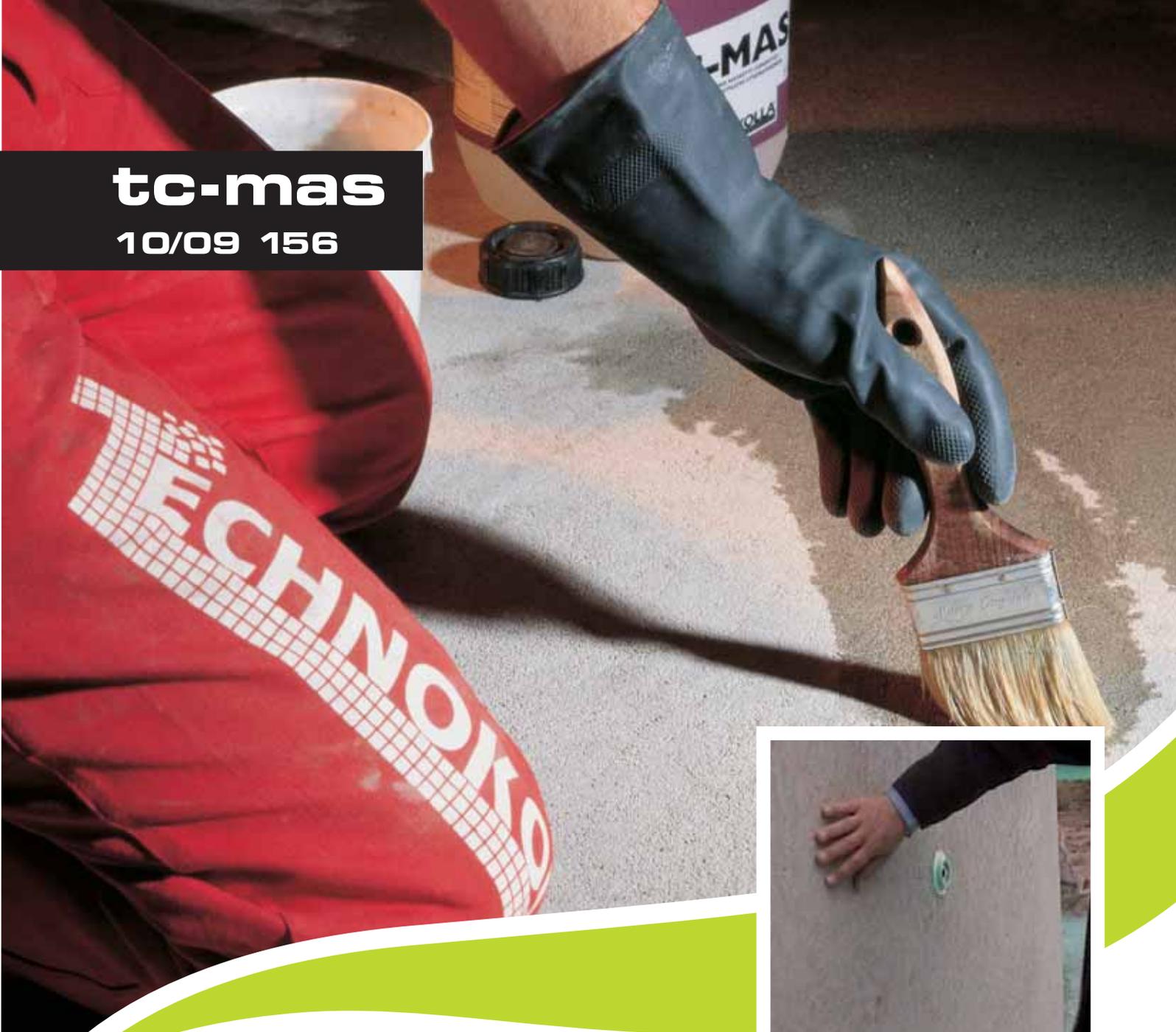


tc-mas

10/09 156



TC-MAS

Reinforcing primer for cement-based screeds and cement-based mortar.

**substrate
preparation**





5-35°C



Brush /
Roller



tc-mas



APPEARANCE

Transparent liquid

STORAGE

12 months in dry place, protected from frost and high temperatures

FIELDS OF USE

- Reinforcing treatment for cement-based substrates.
- TC-MAS is used when the substrate surface has crumbled owing to the low amount of water used to make it, or when it has dried too quickly.

NATURE OF THE PRODUCT

TC-MAS contains silicate in watery dispersion and specific additives.

Ask the technical office for the safety brief containing further information.

APPLICATION

The product is ready for use and must be liberally applied by flat brush, even in several coats. To allow the product to penetrate at depth, it can be diluted with water in maximum 1:1 ratio. The reinforcing process only takes place if the treated surfaces remains in contact with the air for not less than 48 h. After this, the substrate can be clad with ceramic or marble tiles, or be simply leveled with cement-based products, but only after that period. Treatment with TC-MAS, especially if several coats are applied without diluting, produces very smooth, low-absorption surfaces. This effect must be avoided since successive products adhere to the surface with more difficulty. Do not allow TC-MAS to collect on the treated surface during application. Just remember not to drench the surface with TC-MAS, but to make sure that it has been completely absorbed by the substrate, which must maintain its initial roughness at the end of the treatment. Besides waiting for longer than 48 h, the residue humidity rate must be measured with a carbide hygrometer prior to fixing parquet. Tools used with TC-MAS can be easily cleaned with water while the product is still fresh, as it is very difficult to clean off once hardened.



substrate preparation

CONSUMPTION

300-1000 g/m² depending on porosity of substrate and dilution

WARNINGS AND RECOMMENDATIONS

- do not apply to non-absorbent surfaces
- wear rubber gloves when using the product
- do not apply to gypsum or anhydrite substrates
- do not apply at temperatures lower than 5°C or higher than 35°C
- use bicomponent polyurethane adhesives for fixing parquet

TECHNICAL DATA	VALUE
Appearance	Liquid
Colour	Transparent
Weight density (g/cm ³)	1.01
pH	12
Can be covered	* after 48 h
Consumption (depending on absorption by substrate)	300-1000 g/m ²
Danger classification (Law Decree D.Lgs. 285 16/07/98)	Irritating
Customs specification	28391900

* these time intervals refer to a temperature of 23°C-50% R.H.. They become shorter with higher temperatures and longer at lower temperatures.

Technokolla reminds you to examine the “notes” document that completes the information in this data sheet. The document can be downloaded in the pdf format from the website www.technokolla.com.

The advice about technical matters in the technical data sheets, or given verbally or in writing by our personnel as part of our customer assistance service, is the result of our best and most up to date experience. Since we are unable to personally modify the conditions in the building site or the way the work is carried out, this information is purely indicative and, thus, binds us neither legally nor in any other way in relation third parties. This information does not relieve the end user from being responsible for testing our products so as to make sure they are fit for the required use. We therefore strongly advise the customer/user to subject Technokolla's products to preventive tests in order to ensure that they are suitable. The end user is also responsible for checking to make sure that this technical data sheet is not obsolete and that more recent editions have not replaced it. Thus, before using our products, you are advised to download the most up to date version of the technical data sheet from our web site www.technokolla.com.



Sika Italia S.p.A.

Registered Office and Administrative Headquarters: Via L. Einaudi 6,
20068 Peschiera Borromeo (MI)

Sassuolo Plant (MO): Via Radici in Piano 558, Postal Code 41049

Tel: +39 0536 809711 Fax: +39 0536 809729 www.technokolla.com