

From Project to Jobsite



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STABIL-tec® / mod

TECHNOLOGY FOR SELF-COMPACTING, VOLUME STABLE, ANTI-CORROSION MICRO-CONCRETE WITH **EXCELLENT RESISTANCES, AESTHETICS AND DURABILITY**

Description The technology STABIL-tec®/mod allow obtaining micro-concrete with high volumetric stability. It is basically composed out of four fundamental components:

A) BS 40 M6 /mod (N°...) MuCis[®]

Compound powder made from selected cements and additives aimed at volumetric and chemical-physical stability. The formulations differ with different numbers in

Contains migration and contact corrosion inhibitors MuCis[®].

B) Tecnos® azur CB (N°...)

Poly-carboxylate Super-plasticizer of IV° generation with very high capacity to reduce the water/cement ratio and with high reo-dynamic properties. The formulations differ with the abbreviations in between brackets.

C) SHRINKO-tec® nano (N°...)

Nanotechnology formulated to reduce drying and endogenous shrinkage. The formulations differ by the number in between brackets.

D) FIB-energy®

- MC: Polymer fibres with very high elastic modulus and tensile strength, diversified by diameter and length.
- ST/HS: Steel fibres with very high tensile strength, diversified by diameter and length.

Advantages/Use Obtaining self-levelling, self-compacting concrete with slight initial targeted expansion (with ratio Water/Compound of 0.28÷0.32), with subsequent volumetric stability.

> High mechanical strength, migrating and contact anti-corrosion functionality. For manufacturing thin section façade elements.

> At the service of the needs and choices in architectural design, possible aesthetic and chromatic solutions "ad hoc" along with exposed surfaces as such or after sanding. The recipes also differ depending on the particular environmental exposures and the use. Technology STABIL-tec[®]/mod also perform as floor screeds or slabs of reinforced concrete, with high performance in adhesion, wear resistance, volume stability and durability in time.

Method of use The four components

A) 400÷600 Kg/m³ Powder

B) 12÷18 Kg/m³ Liquid

C) 4÷6 Kg/m³ Liquid

D) 2÷8 Kg/m³ Fibre

are used together with the selected local aggregates with particle size of 0÷4 mm to 0÷16 mm, in a ratio of about 1.350÷1.800 Kg./m³ c.ca.

Technical The U.A.P.P. office - Office for Promotion and Assistance in Projects is available for **Assistance** designers, contractors and applicators for assistance "From the Project to Jobsite".

The above date are based on our actual and most experienced practical and laboratory knowledge and the results are collected from application of the product in different situations. Tecnochem Italiana does not assume any responsibility regarding inadequate or negative performance as a result of improper use of the product of for defects deriving from factors or elements other than the quality of the product including improper storage. The technical characteristics and performance mentioned in this datasheet are updated periodically. The revision dates and number of revision of the datasheets are listed in the table below. Eventual variations are traceable on our website www.tecnochem.it where the most updated datasheets can be retrieved.

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