



Very  
High  
Durability  
Reinforced  
Concretes

**From Project to Jobsite**



Certified Quality System since **FEBRUARY 1993**

## TECNOS<sup>®</sup> azur 100/WPT

### POLYCARBOXYLATE SUPER PLASTICIZER OF THE FOURTH GENERATION IN POWDER

**CE** approved – Certificate n. 1305 - CPD - 0017  
EN 934-2 T3.1/3.2

**Description** TECNOS<sup>®</sup> azur 100/WPT is a polycarboxylate complex in powder, particularly studied and developed for Self Compacting Concretes (SCC) and in order to produce concretes with long workability time, followed by a very fast hardening.

**Advantages**

- Reduction of the amount of mixing water required.
- Drastic increase of initial and final resistances.
- Prolongs the useful workability time.
- Contributes to obtain impermeable and very durable concretes.
- Reduces the segregation and eliminates the exudation.

**Indicated use**

- Particularly indicated for additives for premixed dry.
- Particularly indicated for the prefabrication industry.
- For transported concrete over a distance, it keeps its workability, pumpability, resistance and durability.
- For the production of self compacting concrete (SCC).
- To accelerate the demoulding time.
- For very low W/C ratios, which contribute to the impermeability of the concrete.
- As additive in powder, added for the realisation of special concretes.

**Method of use**

- Add first half of the mixing water, than after, dose the TECNOS<sup>®</sup> azur 100/WPT, and fine-tune towards final consistency.
- The efficiency depends on the type of cement, type and particle distribution of the fillers, the W/C ratio and the method of transportation.

**packaging** Bags of 15 kg

**Storage** Store the product above 0°C. Avoid freezing. Can be kept for 1 year in the original packaging, stored between +5°C and + 30°C.

**Dosage** 0,1-0,6 Kg per 100 Kg cement.

**Specification** TECNOS<sup>®</sup> azur 100/WPT complies with the essential requirements contained in the Norm EN 934-2 prospect T3.1/T3.2 and has obtained the CE Marking related to admixtures for concrete. Its performance consequently, exceeds all limits imposed from all the norms applicable to the concrete technology.

**Compatibility** Consult our Technical Service Department for mix designs to be established to fit special requirements by the addition of other products.

**Safety remarks** Consult the Material Safety Datasheet or read carefully the safety instructions on the packaging.

The above data 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 or 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](http://www.tecnochem.it) where the most updated datasheets can be retrieved.

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