



Very
High
Durability
Reinforced
Concretes



Certified Quality System since **FEBRUARY 1993**

From Project to Jobsite

Tecnos® azur 100/WPT MK

**POLYCARBOXYLATE SUPERPLASTICIZER OF FOURTH GENERATION IN POWDER
WITH FUNCTION OF AIR REDUCTION**

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

Description TECNOS® azur 100/ WPT MK is a complex polycarboxylated superplasticizer in powder version, especially formulated to obtain Self Compacting Concretes (SCC) and concretes with higher workability time followed by very fast hardening. It also allows a strong reduction of the contained air.

Advantages

- reduction of the required water amount
- high improvement of initial and final strengths
- longer required workability time
- it allows to obtain waterproofing concretes with very high durability
- reduction of segregation and elimination of bleeding
- reduction of mixing air

Fields of use

- particularly advised for additivation of dry premixed products
- particularly advised for pre-fabrication industry
- to improve workability, pumpability, resistance and durability of transported concrete
- for the production of self-compacting concretes
- to fasten the demoulding time
- to obtain very low water/cement ratios to produce nearly waterproofing concretes
- for additivation of powdered compounds in order to produce special concretes

Method of use

- As first add about the 50% of the required mixing water and only after that dose TECNOS® azur 100/ WPT MK.
- The performances also depend on the particular cement used, on the type and granulometry of the inerts, on the W/C ratio and of the method of transportation.

Packaging Bag of 15 Kg.

Storage The product can be stored at least 1 year in dry conditions, in the original unopened packaging and at temperatures between +0°C÷+35°C.

Dosage 0,02 ÷ 0,6 Kg per 100 Kg cement.

Specifications TECNOS® azur 100/WPT MK meets the essential requirements according to EN 934-2 Normative, Classification T 3.1/T 3.2 according to CE marking for Concrete Admixtures. Furthermore, its own performances meet and exceed the limits imposed by all the specifications concerning the concrete technology.

Compatibility Please consult our Technical Department to establish the Mix Design for special concretes.

Safety indications Read carefully the safety indications on the packaging, or consult the relevant Material Safety Data Sheet of this product.

The above information is based on our best experiences and lab results and on results of the application of the product in various fields. Tecnochem Italiana is not responsible for negative performances due to not proper use of the product or for defects due to elements not connected with the quality of the product included wrong storage. Technical characteristic in this technical data sheet are up-to-dated periodically .Revision date of this technical data sheet is indicated below.

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