



Rev 1  
05/21

# EXCELLENT 2020

## EXCELLENT 3 E PE 2020

Superfluidifying additive for ready-mixed concretes



### DESCRIPTION

Thanks to its dispersing action, its characteristics and the good synergy of its components, it gives the concrete a good reduction of the w/c ratio, allowing to realize fluid and reo-fluid concrete mixes; it also gives a good maintenance of the workability with good characteristics of compactness, mechanical and chemical resistance.

The product is also available in summer and winter versions.

### METHOD OF USE

To achieve the desired consistency, it is recommended to add the product to the wet mix, before the last correction water.

### PHYSICAL PROPERTIES

Physical state	liquid
Color	brown
Volume mass	1.05 ± 0.02 g/dm <sup>3</sup>
pH (at 20°C)	5.5 ± 1
Limit of use	+5 °C

### FOR LARGE-SCALE WORKS

EXCELLENT 3 E PE 2020 is widely used in all works where it is essential to have a superfluid concrete with a low w/c ratio, with high initial and final strength, as well as the achievement of an excellent impermeability and a high resistance to chemical aggression, such as industrial flooring, construction of ports, docks, dams, sea-boxes, foundations, canalization, high density barriers for thermonuclear reactors, etc.

### ADVANTAGES IN READY-MIXED CONCRETE

It allows a good maintenance of the workability, facilitating the preparation and the laying of concretes in inaccessible places, facilitates the pumping and always improves the adherence of the reinforcement irons.

### DOSAGE

To achieve the desired consistency, it is recommended to add the product to the wet mix, before the last correction water.

Dosage on cement weight: 0.8 - 1.5%.

Recommended dosage: 1%.

For on-site tests: 1 liter per 100 kg of cement

EXCELLENT 3 E PE 2020 by virtue of its particular formulation allows, in cases where you want to obtain high reductions in the w/c ratio (particularly compact concretes), dosages up to 2%.

# CE

1305  
TEKNA CHEM SPA  
Via Sirtori z.i. 20838 Renate (MB)

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1305 – CPD – 1146  
EN 934-2

### EXCELLENT 3 E PE 2020

Highly effective water reducing /  
superplasticizer concrete admixture  
T 3.1 / 3.2

Maximum chloride content ..... 0.1%  
Maximum alkali contenti ..... 0.5%

Absent dangerous substances

TECHNICAL DATA SHEET



TEKNA CHEM S.p.A.

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## VALIDITY

The product maintains its characteristics for 6 months if stored in dry places, protected from direct sunlight.

## PACKAGING

25 kg plastic jerry cans

200 kg drums

1050 kg tanks

Bulk in tanker.

*Special automatic dispensers can be supplied upon request.*

## LEGAL NOTICES

The information contained in this technical data sheet, while representing the most advanced stage of knowledge, does not exempt the user from carrying out accurate preliminary tests under the usual conditions of use and exercise. We therefore decline all responsibility for improper use of the product.

