



Rev 1
07/21

EXCELLENT 2020

EXCELLENT 4 E 2020

Super-plasticising additive for ready-mixed concrete.
Highly effective water reducer. High maintenance workability.



DESCRIPTION

Due to its dispersing action, its characteristics and the good synergism of its components, it gives the concrete a good reduction in the w/c ratio, allowing the creation of fluid and rheo-fluid cement conglomerates; it also gives good maintenance of workability with good characteristics of compactness, mechanical and chemical resistance.

METHOD OF USE

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

PHYSICAL PROPERTIES

Physical state:	liquid
Color:	amber
Density:	1,04 ± 0,02 g/dm ³
pH (at 20°C):	7 ± 1
Usage limit:	5 °C

FOR GREAT WORKS

EXCELLENT 4 E 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 excellent impermeability and great resistance to chemical aggression. , as in industrial flooring, construction of ports, docks, dams, sea caissons, foundations, canalization, high-density barriers for thermonuclear reactors, etc.

ADVANTAGES IN PRE-PACKED CONCRETE

It allows a good maintenance of workability, facilitating the packaging and installation of concrete in inaccessible places, facilitates pumping and always improves the adhesion of the reinforcement rods.

DOSAGE

Dosage on the weight of the cement: 0,8 – 1,5%
Recommended dosage: 1%
For on-site tests: 1 liter per 100 kg of cement

High resistance to compression and bending at 2, 7 and 28 days, good maintenance of workability, reduced hygrometric shrinkage, excellent aesthetic finish and increased durability. By virtue of its particular formulation, EXCELLENT 4 E 2020 allows, in cases where high reductions in the w / c ratio (particularly compact concretes) are desired, higher dosages than those indicated. However, it is advisable to contact our technical service which is always at your disposal.

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TEKNA CHEM SPA
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1305 – CPD – 1146
EN 934-2

EXCELLENT 4 E 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, sheltered from direct sunlight.

PACKAGES

25 kg plastic cans
200 kg drums
1050 kg IBC
Bulk in tank

Special automatic dispensers can be supplied on 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.

