

TEGLA HC

Water Reducing Plasticiser for Slick Finishes

PRODUCT DESCRIPTION

Tegla HC is an economical normal range water reducer based upon blended modified lignosulphonates along with a high performance slicking agent. It has been designed to impart exceptional performance in all classes of extruded concrete and dry/semi-dry concrete processes. **Tegla HC** if correctly dosed will improve extrusion of precast concrete units, resulting in improved finish and higher early and long term strengths.

APPLICATIONS

Tegla HC is particularly effective when used in Hollow-core flooring extrusion machines and in most dry/semi-dry processes including roof tiles. The use of **Tegla HC** in difficult or complicated aggregate combinations and cement blends can be highly beneficial.

BENEFITS

- Better slip.
- Increased compaction.
- Increased strengths.
- Increased durability.
- Lower porosity.
- Reduced equipment wear.
- Ability to use locally sourced aggregate.
- Ability to use recycled concrete aggregate.

PROPERTIES

Nature:	Liquid
Appearance:	Dark Brown
Specific Gravity: (20°C)	1.06 g/cm ³
pH:	9.6
Chloride Content:	< 0.10
Alkali Content (Na ₂ O):	< 1.00

ADDITION RATES

Dosage rates vary dependant on mix design, process, aggregate type and the desired effect but typically:

200mls—800mls per 100kg cement

(0.20% - 0.80% by weight of cement)

The correct dosage for the material package used should be determined by laboratory trials, please contact the OSCRETE technical department for further advice.

STANDARDS

Tegla HC is produced in accordance with the ISO 9001 Quality Management Standard and the ISO 14001 Environmental Management Standard.



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COMPATIBILITY

Tegla HC is compatible with all types of EN 197 cement systems.

Tegla HC should not be premixed with other admixtures and should be batched separately.

STORAGE

Tegla HC should be stored undercover and protected from extreme temperatures, if stored between the range 5°C to 30°C the product will have a minimum shelf life of 12 months.

HANDLING

Please refer to the **Tegla HC** material safety data sheet but in line with normal handling procedures, personal protective equipment should be worn.

PACKAGING

200 litres drums, 1000 litre IBC's and bulk deliveries.

NOTES

Tegla HC should be added with the water or at the end of the mixing process and not directly onto the cement. A mixing time of at least 30 seconds is recommended after the addition of the admixture.

Tegla HC if overdosed will result in an increase in workability, set retardation and an increase in air content. The amount of increase will depend on the actual overdose, the temperature and the materials used, care should be made when batching to dispense the correct addition.

Please consult the OSCRETE technical department for advice on admixture selection.

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Disclaimer

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