

AQUAPEL 758

Water Resisting Admixture

Description

Aquapel 758 is a specially formulated water resisting admixture developed to reduce the permeability of concrete. **Aquapel 758** is particularly beneficial in dry or semi dry concrete, and masonry mortars.

Applications

Aquapel 758 is used to improve the waterproof properties of concrete and mortar by forming a permanent hydrophobic layer at the air-concrete interface.

Benefits in Concrete

- Reduced shrinkage
- Reduced permeability
- Increased water tightness
- Reduced efflorescence

Properties

Nature	Liquid
Colour	Clear Amber
Specific Gravity	1.03 g/cm ³
pH	>11.5
Chloride Content	<0.10%
Na ₂ O equivalent	<4.00%

Addition Rates

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

500mls - 3000mls per 100 kg cement
(0.50% - 3.00% 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

Aquapel 758 complies with the requirements of BS EN 934-2 and is produced in accordance with the ISO 9001 Quality Management Standard and the ISO 14001 Environmental Management Standard.



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Compatibility

Aquapel 758 is compatible with all types of EN 197 cement systems.

Aquapel 758 should not be pre-mixed with other admixtures and should be batched separately.

Storage

Aquapel 758 should be stored undercover and protected from extreme temperatures, if stored unopened within the range 5°C and 30°C the product will have a minimum shelf life of 12 months.

Handling

Please refer to the **Aquapel 758** Material Safety Data Sheet but in line with normal handling procedures, personal protective equipment should be worn.

Packaging

200 litre drums, 1000 litre IBCs and bulk deliveries.

Notes

Aquapel 758 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.

If frozen **Aquapel 758** may be used after thawing slowly at room temperature followed by intensive remixing.

Aquapel 758 is designed for use in dry/semi-dry concrete and masonry mortar, if used in wet concrete over 50mm slump increases in air entrainment will be seen.

Please consult the OSCRETE Technical Department for advice on admixture selection.

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