

AQUAPEL PRIME

Water Repellent

PRODUCT DESCRIPTION

Aquapel Prime water repellent is a saturated long chain fatty acid water based dispersion. **Aquapel Prime** has been specially formulated for wet and semi-dry processes where it is readily dispersed in the mix to impart water resistance properties to the concrete. In addition to its excellent water absorption reducing properties, it also helps to control efflorescence problems by limiting moisture migration within the concrete pores.

Aquapel Prime when used within the limits of the recommended dosing has little or no effect on the rate of setting or the strength of the concrete.

APPLICATIONS

Aquapel Prime is suitable for wet, semi-dry and dry mixes in the manufacture of paving, stones, walling, blocks, reconstructed stone and decorative products. **Aquapel Prime** will not affect production times in the manufacture of pressed products.

BENEFITS

- Easily dispersed.
- Controlled efflorescence.
- Neutral set.
- Excellent hydrophobing effect.
- Good compaction.

PROPERTIES

| | |
|-------------------------------|------------------------|
| Nature: | Liquid |
| Appearance: | White |
| Density: | 1.00 g/cm ³ |
| pH: | 7.0 |
| Chloride Content: | < 0.10% |
| Na ₂ O equivalent: | <1.00% |

ADDITION RATES

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

500gms—2000gms per 100kg cement
(0.50% - 2.00% 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 Prime conforms to 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.



AQUAPEL PRIME

Water Repellent

COMPATIBILITY

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

Aquapel Prime should not be premixed with other admixtures and should be batched separately.

STORAGE

Aquapel Prime should be stored undercover, protected from extreme temperature, frost and direct sunlight, the product has a minimum shelf life of 12 months.

HANDLING

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

PACKAGING

1000 litres IBC's and bulk deliveries.

NOTES

Aquapel Prime 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 Prime** cannot be reconstituted.

Aquapel Prime should be regularly circulated to ensure complete homogeneity.

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

OSCRETE UK Limited
Rutland Street
Bradford
West Yorkshire
BD4 7EA
United Kingdom

Telephone: +44 (0)1274 086299
E-mail: technical@oscrete.com
Website: www.oscrete.com

PDS 8246 Rev 02 02/01/2024

Disclaimer

The physical properties quoted are typical, and should not be taken as a specification. The information supplied in our literature is based on data and experience and is given in good faith. Our policy is one of continuous research and development and we reserve the right to update this information at any time; customers should therefore ensure they have the latest issue. Whilst we guarantee the consistent high quality of our products, we have no control over the circumstances in which our materials are used, site conditions or the execution of the work and are therefore unable to accept any liability for any loss or damage which may arise as a result thereof. Materials are supplied in accordance with our standard conditions of sale.

