

W4

POLY ASUKA

WATERPROOFING POWDER ADMIXTURE

WATERPROOFING

Poly asuka w4 is a ready to use powdered waterproofing admixture for cement / sand mortars and concrete. Suitable for use in hot and tropical climatic conditions.

USES

Poly asuka w4 is used to provide waterproof structural concrete or cement/sand mortars, screeds and renders for walls, facades, floor toppings and jointing mortars.

CHARACTERISTICS / ADVANTAGES

Poly asuka w4 contains pore sealing and water-repelling substances which provide the following beneficial properties:

- Reduction in permeability
- Increased durability

PRODUCT INFORMATION

Composition	Blend of organic and inorganic chemicals
Packaging	1 kg plastic bag / 25 kg bag
Appearance / Colour	Off white powder
Shelf Life	12 months from date of production
Storage Conditions	Store in undamaged, unopened, original sealed packaging in dry conditions at temperatures between +5 °C and +45 °C. Protect from direct sunlight, heat and moisture.
Density	Fresh mix density: ~0.9kg/L (at +25 °C)

TECHNICAL INFORMATION

Chloride Ion	Nil (EN 934-2)
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APPLICATION INFORMATION

Consumption	2% by weight of binder, other dosage can be adjusted as per mix design
Compatibility	Poly asuka w4 may be combined with all types of Portland cement (OPC and SRC), concretes containing pozzolanic materials such as; GGBS, PFA and micro-silica. We recommend performing trial mixes to establish the required performance when combining Sikalite® AE with the above products or other admixtures.
Dispensing	Poly asuka w4 is best added with the dry aggregates and sand to the mixer prior to the addition of the cement and water. For optimum utilization of the product we recommend thorough mixing at a minimal wet mixing time of 60 seconds.
Important Considerations	When using Poly asuka w4 a mix design must be selected for the local material sources used and trial mixes performed to verify suitability. Before pouring concrete, suitability tests on the fresh concrete must be carried out and take special care that formwork is properly installed and secured to prevent grout loss and possible honeycombs.

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BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

HEALTH AND SAFETY INFORMATION

For information and advice on the safe handling storage and disposal of chemical products, users shall refer to the most recent MSDS containing all the details.control.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application.



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