



W4

POLY ASUKA

Waterproofing powder admixture

WATERPROOFING

Polywed's Asuka is a general-purpose waterproofing powder admixture used to increase the water repellence of render, mortar, and concrete. By increasing the water repellence and maintaining the vapor permeability of a mix, there is lower water absorption, lower risk of efflorescence, and staining and higher durability.

SCOPE OF USE

- Rendering base coats and reduces the suction to allow easier application of following render coats.
- Waterproofing of precast concrete and waterproofing of cement plasters
- Concrete and mortars in regular contact with water

COVERAGE

Add 1 kg to 50 Kg of cement for the mortar

COMPONENTS

1 Powder Based Component

HOW TO USE

- 1- Add powder on cement 1kg per 50kg of cement
- 2- Add to cementuous mixture
- 3- Add water
- 4- Mix Wel
- 5- Apply

STORAGE AND SHELF LIFE

This original sealed container has a shelf life of 12 months provided it is stored clear of ground in a dry shaded place below 25°C.

COMPLIANCE

BS 5262

TECHNICAL PROPERTIES

Appearance	white powder
Air entrainment	1% - 2%
Chloride content	NIL
Flamability	NIL

PACKAGING TYPE

Paper Bag – 1kg plastic Bags

AVAILABLE SIZES (KG)

25kg

HEALTH AND SAFETY

As with all chemicals caution should be exercised. Protective clothing such as gloves and goggles should be worn. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call medical assistance immediately. Ensure the container is available for medical staff to review and examine any relevant instructions or chemical properties. Reseal all containers after use and ensure products are stored as instructed.

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INSTRUCTION OF USE

- Poly Asuka's waterproof powder is recommended for use at a dosage of 1 x 1kg bag per 50kg of cement.
- Add to cementitious mixture but ensure to carry out trial mixes to determine the optimum dosage rate. Use clean, sharp, well graded sand for mortar and render mixes in addition to clean, well graded aggregates for concrete.
- Add water to the mixture
- Mix well with an admixture heavy duty electronic mixer well for three minutes until a homogenise mixture is obtained.
- Apply the cement.

EFFECTS ON CONCRETE

- Wet Concrete: Fine particles and chemicals in admixtures combine with lime released by cement during hydration to block capillary channels within concrete
- Dry concrete: Exhibits superior resistance to water ingress or contamination by water borne elements

CLEANING

Spillage of Polywed Asuka's waterproofing powder should be removed by dry brushing where possible or should be hosed by large quantities of water



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