

W5

POLY ASUKA PLUS

A HIGH RANGE WATERPROOFING ADMIXTURE FOR CONCRETE

WATERPROOFING

Poly asuka plus w5 is a normal setting waterproofing admixture whose action is to block the capillaries and pores in concrete and mortar. Although blocking the passage of water it allows breathing to take place so considerably reducing the possibility of condensation. Suitable for use in hot and tropical climatic conditions.

USES

Poly asuka plus is the basis of the known Polywed Structural Waterproofing System which is completely suited to most types of concrete structures subjected to water pressure and dampness from internal or external sources. Poly asuka plus is used for:

- Water retaining structures
- Concrete slabs and foundations
- Concrete swimming pools
- Concrete water tanks
- Reservoirs
- Lift pits Concrete basements and car parking partially or fully underground
- Below ground concrete structures

CHARACTERISTICS / ADVANTAGES

Poly asuka plus is a waterproof admixture in concrete has the following advantages:

- Improves concrete water impermeability
- Improvement in concrete durability
- Prevents ingress of sulfate and carbonation Reduces efflorescence on hardened concrete surfaces.
- Reduces leaching Improves watertight concrete structures that are exposed to positive or negative water pressure

CERTIFICATES AND TEST REPORTS

Poly asuka plus follows the requirements of EN 934-2

PRODUCT INFORMATION

Composition	Aqueous solution
Packaging	25L pail, 210 L drum, 1000L bulk supply
Appearance / Colour	Brown liquid
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 and frost
Density	~1.02 kg/l (+25 °C)
Total chloride ion	Nil

TECHNICAL INFORMATION

APPLICATION INFORMATION

Recommended Dosage	The standard dosage of Poly asuka plus in concrete is 9 l/m ³ . Trial mixes must be performed to establish the exact dosage rate required of the plasticising admixture being used.
Dispensing	Poly asuka plus is added to the gauging water or simultaneously poured with it into the concrete mixer at the batching plant. Do not add poly asuka plus directly to the dry mix. For optimum utilization of its high water reduction property we recommend thorough mixing at a minimal wet mixing time of 60 seconds. The addition of the remaining gauging water (to fine tune concrete consistency) may only be started after two-thirds of the wet mixing time to avoid surplus water in the concrete

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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

Users must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

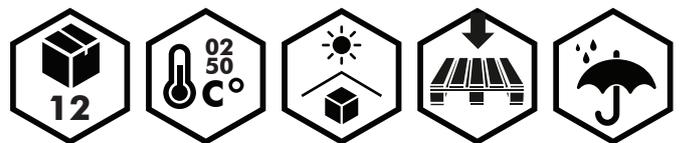
CONSIDERATION

When using poly asuka plus a suitable mix design must be selected and local material sources should be trialed. Poly asuka plus must not be added to dry cement. Before pouring, suitability tests on the fresh concrete must be carried out due to the extended workability, take special care that formwork is properly installed and secured.

When using poly asuka plus a mix design must be selected for the local material sources used and trial mixes performed to verify suitability. If frozen and/or if precipitation has occurred, it may only be used after thawing slowly at room temperature and intensive mixing. Poly asuka plus should not be added to dry cement. Before pouring, suitability tests on the fresh concrete must be carried out. Due to the extended workability take special care that formwork is properly installed and secured.

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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