

### Description

Tecnica 923 WP is a liquid concrete admixture that reduces the water absorption and increases water impermeability of concrete.

### Fields of Application

- In plastered brick wall elements exposed to unpressurized or low pressure water.
- Concretes designed for wastewater treatment plants, dams, culverts and water reservoirs.
- In swimming pool concretes
- Open channels and tunnel segment constructions
- Concrete elements where the high risk of water absorption by capillary suction and to reduce water ingress in tidal and splash zone of water structures.

### Properties

- Ready to use.
- Water impermeability ensures breathability.
- It is added to the concrete mix as a liquid; therefore, it can be used without the risk of agglomeration compared to powder products.
- Does not have a negative effect on the setting and strength of the mortar or concrete.
- Does not contain chloride or any other substances that may cause corrosion.
- Labor and time saving.

### Application

- Shake Tecnica 923 WP well before use. It should be mixing with mixer at least 5 minutes before using for IBC.
- Water/cement ratio of the concrete to which Tecnica 923 WP will be added should be less than 0.55.
- If prepared in construction yard; Tecnica 923 WP must be added %2 of cement on ready to apply concrete mixture and stirred 5 minutes.
- If prepared in concrete plant; Tecnica 923 WP is added on water then this mixture is added on concrete mixture as last ingredients.
- Tecnica 923 WP must be added into the concrete as the ratio of 2 %.

### Recommended Dosage

- Recommended dosage is 2% of cement weight.
- Water/cement ratio should be less than 0.55.

Tecnica 923 WP

### Post-Application Protection & Suggestions

- The waterproofing admixtures including Tecnica 923 WP, are not effective against water action with a continuous pressure heads. In such cases, the application of external waterproofing techniques is recommended.
- Waterproofing admixtures are not effective against water action through the microcracks due to shrinkage, durability problems and excessive loading
- To obtain the best performance, reducing the water to cement ratio of mortar / concrete and taking all measures to reduce microcrack formation due to shrinkage are recommended.
- Do not reuse by adding water on the hardened or hardening mortar.
- All tools and application equipment should be cleaned with plenty of water immediately after use.
- In case of contact with skin, wash with clean water. In case of contact with eye, wash with clean water. Eye contact should be medically consulted immediately.
- For further information refer to the safety data sheet.

### Storage

- Packages should be kept dry and cool at between +5°C and +35°C in moisture free conditions.
- Packages should be protected from direct sunlight and freeze.
- Shelf life is maximum 24 months conditional to complying with the above mentioned conditions.

### Packaging

- 30 kg drum
- 1000 kg IBC

### Quality Certificates



TS EN 934-2

### Technical Properties

(at 23 °C and 50% RH)

### General Data

Appearance/Colours	White liquid
Shelf Life	24 months when stored in original sealed packaging.
Structure	Inorganic compounds
Mixture Density	1,015 – 1,055 (at +20 °C)
pH	9-13