

# INT-WP

## Water-reducer Plasticizer Waterproofing Admixture



### DESCRIPTION

S.S. INT WP is a water-reducer plasticizer and waterproofing agent for concrete. Added to the mixing water in concrete, it deflocculates the cement particles and reduces the surface water tension, leading to reduction of the mixing water, greater workability, and complete hydration of cement. S.S. INT WP is chloride-free and soluble in water.

### PROPERTIES

- S.S. INT WP allows reduction of the Water / Cement ratio by 8 to 12%. Compare to a reference specimen, for the same workability, it improves the compactness of fresh concrete and increases slightly the mechanical strength
- S.S. INT WP gives to concrete lasting water tightness against capillary bleeding and pressurized water
- S.S. INT WP reduces shrinkage
- It prevents sweating, segregation and lost of laitance
- It gets a better casing of steel

### CHARACTERISTICS

Appearance	Brown Liquid
Specific Gravity	1.06 ± 0.03

### SCOPE OF USE

Recommended for use in structural concrete such as: Foundation concrete, tanks, swimming pools, dams, river locks, road works.

### APPLICABLE STANDARD

Classification : ASTM C 494 Type A & D

### INSTRUCTIONS FOR USE

S.S. INT WP is to be added to the mixing water. The total concrete mixing water should be reduced by 5% to 10% before the introduction of S.S. INT WP. During the mixing, adjust the consistency of the mixture by adding small quantities of water, until the required plasticity is reached.

### DOSAGE RATES

Recommended dosage for waterproofing effect: 0.5 kg per 100 kg cement. If more plasticity is required, the dosage may be increased up to 1.5 kg per 100 kg of cement.

### RETARDING EFFECT

At dosage rate higher than 1.5% of cement mass, the delay for the beginning of setting of concrete can be increased, depending on the quantity of cement used.

### PACKAGING

S.S. INT WP is supplied in: Bulk 200 and 25 lit. drums

### STORAGE

S.S. INT WP can be stored up to 1 year from manufacturing date under cover, out of direct sunlight and protected from extreme temperatures.

### HEALTH & SAFETY

In case of frost, the product recovers its properties after progressive thawing and homogenizing by agitation. In case of contact with skin or eyes, rinse thoroughly with water. If irritation persists, seek medical attention. If swallowed, do not induce vomiting and seek medical attention.

### QUALITY STATEMENT

All our products are manufactured to comply with our internal QA/QC program and quality management system to ensure consistency and quality.

### DISCLAIMER

While the company guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control.

It is recommended to verify with the company that the product is suitable for the intended use, and that this Data Sheet version is the latest one.

The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's office in your location.