



TAT YIN (HK) CO., LTD.

TYL[®] – SuperPlug

Waterplug Fast Set Cementitious Mortar

2024021

DESCRIPTION

TYL[®] – SuperPlug is blend of special type of cement material, graded aggregates and specialty additives that enables the material to set and arrest leakages rapidly, even in presence of flowing water. It requires only addition of clean water at site that makes it easy to use and apply.



USES

TYL[®] – SuperPlug is a rapid setting cementitious mortar to plug the flow of water leakage and seepage through all structures made out of cementitious binder.

ADVANTAGE

- Instant plugging of leakages even in presence of flowing water.
- Easy to apply and environmental friendly.
- Chloride free.
- Suitable for interior and exterior applications.

PHYSICAL & MECHANICAL PROPERTIES

<u>Property</u>	<u>Typical Results</u>
Form	Grey powder
Mix density [wet]	2000 kg/m ³ @ 25 °C
Initial set	< 2 minutes @ 25 °C
Full cure	28 days

APPLICATION INSTRUCTIONS

Surface Preparation: The area to be plugged should be cut into square or rectangular shape in an inverted V profile to a depth of 10 to 15mm. Ensure that the surface is free from dust, loosely adhered or any extraneous materials that could impede the performance of TYL[®] – SuperPlug. Finally clean the surface and dampen it if the surface is in dry condition.

Mixing: Mix small quantities of TYL[®] – SuperPlug, that can be placed within the pot life of the material, with water maintaining a water powder ratio of 0.25 to 0.30 by weight to achieve a putty consistency. Mix the material with spatula or gloved hand to a uniform, lump-free consistency.

Application: Apply the mixed TYL[®] – SuperPlug only to properly prepared and thoroughly dampened surface by forcing the material into the opening by trowel or gloved hand. In case of running water, apply the powder material directly into the opening by gloved hand without mixing with water and holding the powder in the opening till the initial set is attained. If necessary, further apply TYL[®] – SuperPlug in powder form onto the surface.



COVERAGE

10 Liter per tin (0.006 m³ per tin).

STORAGE

TYL[®] – SuperPlug has a minimum shelf life of 6 months provided if stored under cover, out of direct sunlight.



PACKAGING

20 kg tin.

HEALTH & SAFETY

TYL[®] – SuperPlug does not fall into the hazard classifications of current regulations. However, it should not be swallowed or allowed to come into contact with skin and eyes. Suitable protective gloves and goggles should be worn. Splashes on the skin should be removed with water. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. If swallowed seek medical attention immediately. Do not induce vomiting.

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The information and the recommendations relating to the application and end use if this product are given in good faith and are based on the information provided by the manufacturer of the product and/or the Company's current knowledge and experience in connection with the product when properly stored, handled and applied under normal conditions and no liability if final function at the job site is assumed. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written and/or oral recommendations, or from any other advice offered by the Company. No responsibility or Liability by the Company will be accepted for misuse, misreading or derivation from the recommended guidelines in respect of this product and the user shall determine the suitability of the product for his intended use and all risks and liability in connection therewith. The information contained in this brochure may change at any time without notice.