



TSIRCON CO LTD

MANUFACTURERS & TRADERS
OF BUILDING MATERIALS

Ημ. έκδοσης 5/2006

TSIRCO-FLOFAST 2

Accelerator for sealing water infiltration

Product

A liquid based to produce a quick setting compound when mixed with Ordinary Portland Cement (OPC).

Purpose

It accelerates the setting time of OPC to < than 30 seconds and thus enabling sealing of water leakages and jets.

Usage

N/A

Pack

4, 20, and 210 litre drums.

Advantages

TSIRCO-FLOFAST 2 has the following advantages:

- Stops running water instantly.
- It will not shrink.
- It can be used to seal all kinds of water leakages.
- Non-toxic.

Introduction

TSIRCO-FLOFAST 2 when mixed with OPC will set in a few seconds depending on the amount of liquid/cement ratio in order to permanently seal water in filtration. It is mainly used by professionals to seal water leakages with small, medium and high pressures.



Use

TSIRCO-FLOFAST 2 when mixed with OPC can seal cracks or holes on concrete or other masonry walls or floors. The areas of application include:

- wall of basements
- elevator pits
- concrete tunnels
- sewer tanks
- swimming pools, e.t.c.

As a rapid setting patching mortar it is used to form a fillet at the joints of walls and floors or to seal cracks in tanks, basements, sewers, e.t.c.

How to use

1. **Procedure for Better Performance:** For best results when waterproofing water retaining structure, it is best to close all pores and weak areas with TSIRCO-POLY 107, before stopping any leakages. Otherwise there is the danger that new leakages will appear when stopping the existing ones. Therefore a two-coat application of TSIRCO-POLY 107 is first recommended to be applied all over the surface in accordance to the Technical Specification of the product. After TSIRCO-POLY 107 has set, dried and gained strength, preferably over three days after application, the sealing of cracks or joints can start. It is recommended to seal first the small leakages and progressively move to the larger leakages. After TSIRCO-FLOFAST 2 treatment is completed, it is recommended to apply another coat of TSIRCO-POLY 107 over the treated area.
2. **Preparation:** The area to be treated must be cut back adequately at a straight edge providing a rough surface to allow a better key. Remove any loosely adhered particles and ensure that the area to be treated is clean and dust free.
3. **Dosage, Mixing and Application:** Due to its very quick setting (< than 5 seconds), it is recommended to mix TSIRCO-FLOFAST 2 in small dosages by hand since it will not give enough time to be mixed mechanically. The recommended procedure is as follows:



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In order to get the required setting time, carry out preliminary trial mixes by dosing the amount of liquid to the amount of cement. This is done by placing about 100cc of TSIRCO-FLOFAST 2 in a small container. Mix extremely quickly with a handful of cement to produce the required paste. Instantaneously, pick and place the paste over the leakage by applying pressure for a few seconds until the cement has hardened.

Typical Product Data

Physical state: Transparent, non-toxic, liquid

Dry content material: > 26%

Specific Gravity at 20°C: 1,21

Chloride ion content: Nil

Storage life

TSIRCO-FLOFAST 2 has a storage life of not less than one year. The product must be kept in the manufacturer's sealed containers and it must be protected from frost and direct sunlight, especially at high ambient temperatures. In case it becomes frozen, thawing must be allowed and thorough mixing must be made before use.

Cleaning

Clean all tools with water prior to setting. After setting is occurred, the material can be removed only by mechanical means.

Handling precautions

TSIRCO-FLOFAST 2 is non-toxic however care should be taken to avoid contact with the skin. During the application the operator must wear protective gloves and glasses. In cases of accidental contact, skin must be washed off with clean water.

How to specify

TSIRCO-FLOFAST 2 accelerator to be used strictly in accordance with the instructions of the manufacturers TSIRCON CO. LTD.