

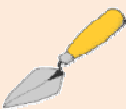
# GOLDENPLUG T

## INSTANT PLUGGING OF WATER INFILTRATIONS

ultra fast setting and hardening (1-3 minutes) cement-based hydraulic repair mortar for immediate plugging of water infiltrations in concrete and masonry; even under high pressure and under water, high adhesion; also for fixing bolts, machine anchors, metal beams, permanently in concrete, and masonry.

### ▪ Application:

- **Preparation:** prepare the crack or hole to a minimum width of 20mm, with an undercut if possible. Clean the substrate, and remove any loose particles or dust.
- **Mixing:** add GOLDENPLUG T to a small amount of room temperature water (+-25%). Mix to putty-like consistency. Warm water will speed setting time, cold will slow it. Do not prepare more material, than can be applied in more than 1 - 2 minutes at 20 C.
- **Application:** Compact GOLDENPLUG T firmly into opening and hold tightly with trowel or gloved hand for about 2 minutes or until mortar is hard.



▪ Colour: Grey

▪ Packaging: 5 and 25 kg (bag in pail)

▪ Storage: 12 months shelflife when stored dry and protected in original packaging



Simply mix  
with water  
and apply !

technology  
↑

### Applications:

To stop active water leaks in concrete or masonry

To seal intersection between floor and wall joints prior to tanking

Rapid anchoring of starter bolts

To seal kicker joints in order to prevent water infiltration

Instant sewer connections

As super fast set emergency repair mortar.

To accelerate standard mortars

**TECNOCHEM**<sup>®</sup>  
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# GOLDENPLUG T

## INSTANT PLUGGING OF WATERINFILTRATIONS

### DESCRIPTION

GOLDENPLUG T is a pre-mixed mortar, ready to use, with extremely fast setting properties to stop water infiltrations instantly. GOLDENPLUG T is based on hydraulic binders, and becomes one with the substrate after hardening.

### ADVANTAGES

- Stops immediately the infiltration of water, even under high pressure.
- Hardening very fast ( 1-3 minutes), even under water.
- Exceptional mechanical resistance.
- High adhesion to the substrate.
- Closes instantly cracks and holes, and waterproofs the kicker joint between floor and wall.
- Fixes bolts, machine anchors, metal beams, .. permanently in concrete, and masonry.
- Easy to mix and apply.

### TYPICAL APPLICATIONS

- Stopping water infiltrations under pressure.
- Anchoring of metal beams and bolts .
- Fast waterproofing of joints , horizontal or vertical.
- Sealing of joints of incoming tubes.

### USE

- Preparation: Open the crack or leak, to a diameter of 2-3 cm, and cut in depth in swallowtail shape. Clean the substrate, and remove any loose parts or dust.
- Mixing: add the powder to a small amount of water. Mix to putty-like consistency. Warm mixing water will speed setting time, cold will slow it. Do not prepare more material, than can be applied in the next minute.
- Application: In case to stop active leaking, even under pressure, shape the plug according the dimensions of the opening, and, when it starts to stiffen and heat up, apply in the leak or crack with firm pressure. Do not move the plug till final setting is reached (about 3 minutes) Grinding or twisting motions when placing will weaken the repair and cause micro cracks. Scratch of the excess of product and finish smoothly after initial setting.). Repeat this operation for big leaks.

### PHYSICAL-MECHANICAL PROPERTIES

- |                                 |                |                      |
|---------------------------------|----------------|----------------------|
| • Specific weight fresh mortar: | 2100 gr /litre |                      |
| • Water demand:                 | 24%            | (average)            |
| • Setting time:                 | 1-3 minutes    |                      |
| • Compressive strength:         | 30 minutes     | 10 N/mm <sup>2</sup> |
|                                 | 60 minutes     | 19 N/mm <sup>2</sup> |
|                                 | 1 day          | 35 N/mm <sup>2</sup> |
|                                 | 28 days        | 40 N/mm <sup>2</sup> |
| • Flexural strength:            | 30 minutes     | 2 N/mm <sup>2</sup>  |
|                                 | 60 minutes     | 3 N/mm <sup>2</sup>  |

1 day 4,2 N/mm<sup>2</sup>

28 days 5,5 N/mm<sup>2</sup>

• Elasticity modulus: 1 day 12000 N/mm<sup>2</sup>

28 days 25000 N/mm<sup>2</sup>

### PACKAGING

Bag in pail of 5 kg  
Bag in pail of 25 kg

### CONSUMPTION

The average consumption is about 1 Kg for a joint of 2 cm per 2 cm per 140-150 cm long.

### STORAGE

12 months shelf life when stored protected.

### PRECAUTIONS

GOLDENPLUG T, like all cement, lime, based products, skin and eyes can be irritated. Wear always gloves and safety glasses. Keep out of reach of children. Do not inhale the powder. In case of contact with eyes or skin, wash abundantly with water, and consult a doctor if irritation persists. In case of doubt, check the safety datasheet.

Date of creation: 29.05.01

Date of revision: 29.09.09



This information is based on our experiences and latest laboratory testing. The above information may be subject to modifications, which will be announced in the updated technical datasheets. Eventual changes to the information on top will be announced on [www.tecnochem.it](http://www.tecnochem.it) in which the technical datasheets are updated regularly and always the most updated can be found. Tecnochem Italiana cannot held responsible for poor results that are due to causes unconnected to the quality if the product or for defects deriving from factors different than the quality of the product including the wrong storage.