

## Cementitious waterproof plugging compound

### DESCRIPTION

DRYplug is a cementitious, ready-mixed, rapid setting compound to stop water and moisture ingress.

- > Stops flowing water
- > Sets in seconds
- > Durable

### AREAS OF APPLICATION

DRYplug can be used internally or externally as a waterproof plugging mortar or where rapid setting and early strength gain is required:

- > Plugging water leaks and seepage
- > Sealing leaking cracks
- > Sealing wet surfaces
- > Plugging leaks in earthenware pipes
- > Caulking tunnel segment joints
- > Fixings in water structures where immediate use is required
- > Installation of steel elements in concrete or masonry
- > Erosion resistant mortar for elements affected by rain
- > Erosion resistant shoring of canal sealing
- > Underwater work (access permitting)

DRYplug can be used on the following substrates:

- > Concrete
- > Masonry
- > Earthenware
- > Stone



### Cementitious waterproof plugging compound

#### PROPERTIES

- DRYplug:
- > Stops water flow
  - > Sets in approx. 30 seconds after mixing
  - > Durable
  - > Can be used underwater
  - > Can be mixed with water or used dry
  - > Easy application
  - > Packaged in easy to use, resealable containers

#### SURFACE PREPARATION

The substrate must be clean, sound and free of any surface contamination. Leaks must be cut out back to sound material, leaving an appropriate chase for receiving the DRYplug.

#### MIXING

Setting time is dependent largely on the amount of mixing water used. Standard value is (at 20 °C):  
 1 kg DRYplug and approx. 0.25 liter of water. The DRYplug must be added to the water and mixed swiftly. Mixing time is about 15 seconds.  
 After mixing setting in about 30 seconds.  
 In cold weather, use lukewarm water. In higher temperatures, use cold water.

#### APPLICATION

To avoid wastage, only small quantities of DRYplug should be mixed.

- > After mixing, apply the DRYplug to the appropriate area immediately. Work the mixture well into the area and then hold firmly in place for about 30 seconds. (Wear rubber gloves).

Maintain pressure without disturbing the material, until it has set.

- > Remove excess material.
- > After lightly prewetting apply a normal Drytech waterproofing coating.

In certain circumstances DRYplug may be applied as a dry powder.  
 Place and hold the powder directly over the leak for 30-40 seconds.

#### CONSUMPTION

Depending on the size of the water leak: approx. 0.3 kg/ water leak.

#### PACKAGING

25 kg plastic, resealable buckets.

#### STORAGE

When stored in a dry place in unopened, undamaged original packaging, shelf life is 12 months.

#### TECHNICAL DATA

Aggregate state	Polvere
Colour	Grigio
Bulk density, 25 °C	about 1.2 kg/l
Components	1 component
Application temperatures	+5 to +25 °C (allow for mixing water and substrate temperatures)
Application time	about 30 sec (after mixing)

All data is averaged from several tests under laboratory conditions. In practice, climatic variations such as temperature, humidity, and porosity of substrate may affect these values.