



**Zahabiya AQUAPATCH** is an ultra fast setting mortar, designed to seal water leaks, even under pressure. This cementitious mortar does not shrink, rather expands upon curing, filling the gap adequately. This makes the product ideal to seal active leakages (running water) from tanks, basements, and other concrete structures.

- Stops running water instantly
- No shrinkage, expands on setting
- Sets within 2 min
- Sets under water
- Lasts as long as structure itself
- Easy to apply

COLOUR:

GRANULOMETRY:

APPARENT DENSITY:

APPLICATION TEMP.:

SETTING TIME:

WATER VAPOUR PERM.:

WATER PERMEABILITY:

ADHESION :

COMPRESSIVE

STRENGTH:

FLEXURAL STRENGTH:

SAFETY:

CLEANER:

STORAGE:

SHELF LIFE:

Grey Powder.

0-0.6mm (EN 12192-1)

0.96 g/cm<sup>3</sup>

5-30°C

< 2 minute (EN 13294).

SD < 5 metre (EN ISO 7783-1/-2)

Class I - Permeable to water vapour (EN 1504-2)

< 0.1 kg/m<sup>2</sup>.h<sup>0.5</sup> (EN 1062-3)

Water Impermeable (EN 1504-2)

On Concrete (28 days) > 1.0 MPa (145psi)

(Product Cohesive Failure) (EN 1542)

> 9.0 MPa/ 1300 psi (1 hour) (EN 12190)

> 20.0 MPa/ 2900 psi (28 days) (EN 12190)

> 2.0 MPa/ 290 psi (1 hour) (EN 196-1)

Safe in Handling. Complies with section 5.3 of standard EN 1504-2. However, like all cementitious products, Zahabiya Aquapatch is highly alkaline and protective gloves should be worn while handling. The product heats up upon curing.

Excessive mortar and the tools can be cleaned with water while the mortar is wet.

Store in a cool, dry place, at 25-35°C. Keep the product away from sunlight & humidity.

Use within 06 months of manufacturing date. Keep the packing airtight after use.



#### **APPLICATION METHOD:**

#### **COMMON CONSIDERATIONS:**

- The crack or opening must be properly prepared. An indentation of about 2 cm deep and thick should be created for proper application.
- Cut the indentation so that the edges are nearly perpendicular to the surface (square-shaped) but do not make it "V"-shaped.
- Clean the surface of any dirt, loose particles or any other residue.
- Add small amount of potable water to **Zahabiya AQUAPATCH** and mix until it becomes putty like consistency. It can then be applied to the area affected either by hand or with a metal trowel.
- Only mix as much AQUAPATCH that you can use in one or two minutes.
- Apply AQUAPATCH keeping a good hold of it, esp. against running water.
- AQUAPATCH should be pressed into the indentation to obtain best results.
- Once it has been applied, keep it damp for at least sixty minutes.
- AQUAPATCH can be used above and below groundwater levels in: basements, tunnels, sewers, tanks, around piping, cable conduits etc., or anywhere water is not desired.

#### **SEALING ACTIVE WATER LEAKS:**

1. Mix **AQUAPATCH** with a minimal amount of water, 4:1 (approximately).
2. Knead the mass into a cone shape and hold it in your hand until it begins to harden.
3. Tightly insert the ball of AQUAPATCH into the water leak.
4. Press down on this plug for 45 seconds. To ensure that the material stays in place, do not move the hand that is applying the pressure.
5. Once it has hardened, use a spatula to remove any excess mortar.
6. Cover the repair with a mortar modified with **Zahabiya ConcreMight ZUBA-16/123**.
7. Then apply two coats of **Zahabiya Water Shield 2KC**.

#### **SEALING WALL/ FLOOR JOINTS:**

1. Open an indentation along the entire joint, but do not make it "V"-shaped.
2. Use the trowel to fill the indentation with **AQUAPATCH** and make a moulding at 45°.
3. Every time laying down a mass of AQUAPATCH is finished, cut off the end of the moulding to ensure that the unions between the masses are bevelled/ chamfer.
4. When seal the union/ joint, hold AQUAPATCH in your hand until it begins to harden, following the same process as defined in above section.

The Information & Data contained herein are correct to the best of our knowledge, tests and experience. These are presented in good faith to the users. The recommendations and suggestions mentioned are made without guarantees or representations as to the results. The Consumer should satisfy himself as to the suitability of the product for the intended purpose and use. WE ASSUME; NO LIABILITY for damages of any kind and the user accepts the product 'as is' and without any other warranties.

