

PÓ® 2 (POWDER 2)

Ultra Fast-Setting Cement

DESCRIPTION

Pó® 2 – Ultra fast-setting cement for buffering gushes/jets of water, used as a preliminary step prior to application of **Viaplus® 1000/Top** polymeric mortars, or as a component of the **Hey'di Special Treatment** system.

TECHNICAL CHARACTERISTICS OF THE PRODUCTS

| Characteristics | |
|-----------------|-------------|
| Aspect | Powder |
| Color | Dark grey |
| Setting time | 20 – 50 sec |

ADVANTAGES

- Chloride-free product, will not damage the structural hardware reinforcement
- Reaction starts after 7 to 10 second setting occurs in up to 90 second
- Ready-to-use product, with no need to incorporate other components

UTILIZATION

Pó® 2 is indicated for:

- Buffering of gushes/jets of water and infiltrations in general that occur as a result of the hydraulic pressure of the water table.
- Utilized in elevator shafts, tunnels, galleries, underground areas and other structures under the influence of the water table.
- Can be utilized as a setting accelerator together with Portland cement.

For other uses and applications, consult the Technical Department (sac@viapol.com.br).

USAGE INSTRUCTIONS

Preparation and application of the product

For buffering of gushes/jets of water, mix 2 parts de **Pó® 2** with 1 part of clean water to form a ball. Pick up the ball with a hand protected in a glove and compress it over the source of gushing water, maintaining pressure for a few seconds until the **Pó® 2** has completely set.

In some situations **Pó® 2** can be used dry, without adding water, by pressing and rubbing it on the source of the spouting water.

On conclusion of the buffering, proceed with waterproofing of the entire area with **Viaplus® 1000/Top**.

Usage Recommendations

On cold days we recommend the use of slightly warmed water for hydrating the **Pó® 2**, to avoid excessive delay in the setting of the product.

The Hey'di Special Treatment system should be indicated in areas of permanent negative pressure and necessarily applied with [water constantly in vigorous motion in these areas.] **com atuação de água exercendo nestas áreas constantemente;**

To obtain adequate buffering, the structure should be calculated taking into account thrust pressure, etc.

The **Pó® 2** paste should be applied quickly after mixing with water, keeping in mind that after a few minutes the paste becomes unsuitable for application.

The treatment should not be used on mortars with a lime or similar additive.

In the case of temperatures below 18°C, we recommend the use of warm water for the mixture with **Pó® 2**;

USAGE RESTRICTIONS

Do not use the product for:

- Do not apply on days of intense sun or wind on the substrate
- Do not add other substances to the mixture
- Do not apply on large areas at one time

CONSUMPTION

Variable in relation to the number and dimensions of buffering applications. Consumption for Hey'di Special Treatment is as follows:

| Hey'di Special Treatment consumption | |
|--------------------------------------|------------------------|
| Pó 1 | 1.5 Kg/ m ² |
| Pó 2 | 1.6 Kg/ m ² |
| Liquid Sealant | 0.7 Kg/ m ² |

Observation: Consumption of **Pó 2** for buffering not included.

PACKAGING / STACKING

| Packaging | Stacking |
|-----------|-----------------|
| Box 4 kg | Maximum 4 units |
| Box 15 kg | Maximum 4 units |

VALIDITY / STORAGE

03 (three) months from the date of manufacture, in the original intact packaging, in covered, dry and ventilated surroundings, far from sources of heat. The maximum storage temperature is 25°C.

SAFETY RECOMMENDATIONS

Prior to starting work, consult the SSCP (Safety Information Sheet for Chemical Products) available on our home page www.viapol.com.br

Utilize adequate PPE with gloves and facial protective mask, waterproof boots and safety eyewear.

Store the product out of the reach of children and domestic animals.

In case of contact with the skin, wash the region with water and neutral soap.

In case of contact with the eyes, wash copiously with potable water for at least 15 minutes and seek medical assistance.

In case of irritation of the eyes or skin, or ingestion of the product, consult a doctor, providing information about the type of product involved.

In case of ingestion, do not induce vomiting and seek medical help immediately.

ENVIRONMENTAL PRECAUTIONS

Do not dispose of the product or its packaging carelessly. Residuals/waste must be discarded adequately, in accordance with local environmental legislation in force and applicable regulations concerning the nature of the product or material in question. Do not reuse empty packaging.

For more details, consult the **Pó@ 2** Safety Information Sheet (SISCP) or that for the products cited on our site at www.viapol.com.br

Note: The information contained in this datasheet is based on our best knowledge and is provided for your help and guidance. We need to point out that the performance of our products depends on the preparation condition of the surface and the storage and application of the product, factors not subject to our control. The consumption of the products in practice depends on the application technique, the condition of the equipment used, and the surface to be coated. We do not, therefore, accept any responsibility of any nature regarding the consumption and performance of our products arising from inadequate storage or use of the products. For further clarification please consult our Technical Department.

Viapol reserves the right to alter the specifications and/or information contained in this datasheet without prior notice.