



# Promalt

*normale and rapido*

## Product:

**Promalt** (normal setting) and **Promalt** (quick setting) are pre-mixed anti-shrink, thixotropic and fibrereinforced mortars. They are cement binder compounds containing selected inert silicates, chemical additives and selected granulometry inert agents that give high resistance and in addition high thickness, restoring damaged supports without using any formwork.

## Advantages:

- High thickness in one application.
- Economical to use.
- Short curing time with water.
- Adhesion to every kind of support without using primer.

## Field of application:

Restoring of concrete or reinforced such as string courses, balconies, pillars, floors or steps. Also for filling cavities caused by honeycombs or rods which have been removed.  
In general maintenance for quick re-use of the surface.

## Suitable supports:

Concrete, plasters and cement screeds.

## Product information data

Containers 25 kg bag  
Physical feature grey cement-powder  
Granulometry < 2.5 mm  
Average consumption per cm of thickness 19 kg / sq m

## Application:

### Preparation of the supports

The surfaces must be solid, without any traces of moulds, clean and free of loose parts. Any traces of rust must be removed from the rods. Passivate using a Fermalt grout (see Technical Data); within 2 hours of passivating treatment restore the part using Promalt (moisten the surfaces before application).

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#### **Methode of application:**

Mix Promalt with a drill mixer (low speed) in about 3,5/4 l of clean water for every 25 kg bag. The thickness for every application is from 1 to 4 cm depending on use. If it is necessary to apply a second layer wait until the first has set. While the application is still setting finish with a trowel.

FINISHING Promalt and Promalt rapido can be smoothed by using Ekoplast raso or Protixo. It can also be painted using a Ecoquarz AC synthetic paint or a Probeton, anti-carbonation paint but it can also be left as it is without any paint or smoother on it.

#### **Technical data**

	<b>PROMALT</b>	<b>PROMALT RAPIDO</b>
▪ Water in the mixture	16%	18%
▪ Specific weight ( dry )	1.8 kg/l at 20° C	1.8 kg/l at 20 °C
▪ Compression resistance after 28 days	24 MPa	13 MPa
▪ Stiffness after 28 days	4.8 MPa	3.8 MPa
▪ Minimum applicable thickness for every application	1 cm	1 cm
▪ Maximum applicable thickness for every application	5 cm	5 cm
▪ Adhesion to concrete after 28 days	> 2 .5MPa	> 2 MPa
▪ Setting time	about 2 hours	10-30 minutes
▪ Pot life	1 hour	10 minutes
▪ Usage temperature	+ 5 °C / + 30 ° C	
▪ Storage	12 months if kept in a dry place in original container	
▪ Equipment	concrete mixer, stainless steel spatula, trowel.	

#### **Please note:**

Do not apply the product on overheated supports or in presence of strong wind or bright sunlight.

Do not apply on frozen supports or where there is a chance of intense cold within 24 hours of application.

Do not apply on painted surfaces.

Do not apply on loose parts or on flaking supports.

Do not add water, cement or other mixed products.

Do not apply less than 1 cm thick.