



## PELELITE FINISH

Gypsum-based finishing coat plaster

EN 13279-1 **CE**

### Description

A gypsum-based finishing plaster. It provides a smooth, high quality surface to internal walls and ceilings. It is suitable for application on substrates such as Pelelite Bonding Tricote, Thermocem, Monocote, conventional cement renderings and suitably primed smooth fair-faced concrete surfaces.

**PELELITE FINISH** is ideal for interior use. Avoid application on surfaces exposed to high humidity levels, such as bathrooms. It is classified as Gypsum Plaster **C6/60/2** according to **EN 13279-1**.

### Technical Specifications

Density	: $\approx 0.8$ Kg/L
Density of fresh mixture	: $\approx 1.6$ Kg/L
Mixing ratio (water / <b>PELELITE FINISH</b> )	: 12.25 – 13.25 L/25Kg
Substrate Temperature	: +5°C min. / +35 °C max.
Ambient temperature	: +5°C min. / +35 °C max.
Reaction to fire	: Class A1
Compressive Strength	: $\geq 2$ N/mm <sup>2</sup>
Flexural Strength	: $\geq 1$ N/mm <sup>2</sup>
Adhesion strength	: $\geq 0.1$ N/mm <sup>2</sup>
Pot Life	: at least 40 minutes at 23°C
Setting Time	: at least 60 minutes at 23°C
Consumption:	1.05 – 1.07 Kg/m <sup>2</sup> per mm of thickness

### Instructions for Use

#### SURFACE PREPARATION

Surface shall be pre-treated in order to ensure high adhesion results of the finish coat plaster. All surfaces should be clean, free of dust, oil, residues of other building materials, etc. before application.

It is recommended that substrate is sprayed with water, before applying **PELELITE FINISH**, especially in periods of hot weather, so as to avoid rapid absorption of the mixed water. When applying **PELELITE FINISH** over high absorbent substrates, it is advisable that these are firstly primed with a mixture of Pelebond: water in a ratio of 1:3 to 1:5 (by volume). Pelebond is a Peletico product and for further information please refer to the analytical Technical Data Sheet.

When applying **PELELITE FINISH** over non-absorbent, smooth substrates (fair-faced etc.), it is advisable that these are firstly primed with a mixture of Pelelite Bonding Tricote: Pelebond: water in a ratio of 1:1:1 (by volume). In such case, apply **PELELITE FINISH** while the surface is still "sticky".

In any case, the substrate or the primer should be perfectly dry before applying the finish coat plaster. Concrete surfaces should not contain higher than 3% moisture during application.

#### MIXING

All equipment and containers should be clean, free of dust, residues of previous mixtures and/or other building materials, etc. so as not to adversely affect the setting time and the mechanical properties of the product.

Depending on the desired consistency, add 12.25 – 13.25 L of clean water for every bag (25 Kg) of **PELELITE FINISH**. The mix can be prepared by using a low speed electric mixer in an appropriate mixing container. When low quantities of mixture are desired, mixing can also be done by hand. Add the appropriate amount of water and while stirring, slowly add the dry powder. Mix until a homogeneous, free of lumps mortar is produced and the desired consistency has been achieved.

The mixture can remain workable (pot life) for at least 40 minutes, depending on the weather conditions. In case the mixture has started to set before it is used, then dispose immediately without using it. Do not add additional water for remixing and/or for improving its workability.

#### **APPLICATION CONDITIONS**

Use only at temperatures between +5°C and +35°C. During winter or periods of low temperatures (5-10°C), it is advisable that warm water (approx. 30°C), is used for the mixing and if possible, the application to be performed during noon time. On the contrary, use cool water (approx. 20°C), for the mixing during summer and generally at ambient temperatures exceeding or expected to exceed 35°C.

#### **APPLICATION**

Allow cement-based substrates (like Thermocem, Monocote, or conventional cement renderings), to cure for at least 7 days, before applying **PELELITE FINISH**. It is recommended that substrate is sprayed with water, and then the surface is allowed to completely dry before the application of **PELELITE FINISH**.

Application of **PELELITE FINISH** over Pelelite Bonding Tricote (T2) substrates can be done on the same day, provided that the Pelelite Bonding Tricote (T2) has already set.

**PELELITE FINISH** is applied with a steel trowel in two layers of 1mm each. The second layer is applied after the first layer has set. As soon as the second layer sets, treat smoothly the surface with a sponge float until a satin finish surface is achieved.

Final surface can be left to be rough or trowelled to a smooth finish. In such case, do not over-smoothen the surface, as this may cause problems during the decoration procedure.

Do not spray the **PELELITE FINISH** with water, after it's applied. Gypsum based plaster work, must always be thoroughly dry before decorating.

#### **CLEANING OF EQUIPMENT**

Clean all tools and mixing equipment thoroughly with plenty of water after completion of work, while the plaster hasn't set. Use mechanical methods to remove hardened material.

#### **DECORATION**

Ideally, **PELELITE FINISH** should be allowed to cure for at least 2-3 weeks before decorating. For better results, it is advised to sand the final surface before decoration. Before being decorated, surface should be smoothed using sandpaper and primed with either Peletico's EcoPrimer or Sherwin-Williams® ProMar® Masonry Conditioner (see note 1).

Final surface can be decorated using emulsion paints, enamel paints, acrylic paints, etc. (all available from Peletico). For more information about the specifications of each of the above products, please refer to the analytical Technical Data Sheet.

#### **REMARKS / LIMITATIONS**

- Use only fresh, clean water for both mixing and cleaning.
- Avoid using material which was stored in open bags for a long period of time, as it may contain lumps or be contaminated.
- Never add water or new product to the mixture which has started to set, in order to improve its workability.
- Do not add cement, gypsum, sand or any other materials to the supplied product, as this will negatively affect the end results of the product.
- Avoid using the product under extreme weather conditions, such as direct sunlight and strong winds.

## PACKAGING

25 Kg multiwall paper bags (one layer of which is made of PE-HDPE).

## STORAGE / SHELF LIFE

Store under dry conditions and away from direct sunlight, in a sheltered, free from water and moisture area. Store in closed bags preferably in the original packaging, onto a pallet or generally without direct contact with the floor.

The product has a shelf life of up to 6 months from production date, when properly stored in the original, unopened bag.

- Follow Good Hygiene Procedures during work. When using do not eat, drink or smoke.
- Keep out of reach of children.
- When using, do not eat, drink or smoke.
- Harmful if swallowed.
- Harmful in contact with skin.
- Harmful if inhaled.
- May cause respiratory irritation.
- Wear respiratory protection.
- Wash body and clothes thoroughly after handling.
- For further and complete information concerning the safe use of the product, please refer to the latest version of Safety Data Sheet.

**Note 1:** *Peletico's EcoPrimer: Water based acrylic primer for interior and exterior surfaces. (See Technical Specification Sheet)*

**PROMAR® MASONRY CONDITIONER:** *Solvent based primer for interior and exterior surfaces. (See Technical Specification Sheet).*

**Note 2:** *All Technical Data provided on section "Technical Specifications" are based on laboratory trials and tests, under conditions which may significantly differ from the ambient application conditions. Therefore, the actual technical characteristics may vary due to conditions or circumstances beyond company's control.*

**Note 3:** *The information provided by our Technical Data Sheets or given by our employees, agents or distributors concerning the use of our products, is based upon extensive research and experience and are provided in good faith in order to help you.*

*We guarantee the consistent high quality of our products; however, as we have no control over site conditions of the executions of work, we cannot accept any liability for any loss or damage, which may arise as a result thereof.*

**Note 4:** *All gypsum-based products, must be stored in dry sheltered places, on wooden pallets. Even under these circumstances, the products are influenced by the atmospheric moisture after a period of time. Since this period is not defined or standard, we strongly advise our customers not to use hardened products or if, generally, its quality due to storage is uncertain.*

PELETICO LTD | 19 Kampou | 2030 Strovolos | Cyprus | T: 357-22482265 | F: 357-22481757  
PELETICO HELLAS S.A. | 20 Zoodohos Piyi | Halandri | 152-31 Athens | Greece  
T: 30-2106776661 | F: 30-2106756996  
E: [peletico@peletico.com](mailto:peletico@peletico.com) | [www.peletico.com](http://www.peletico.com)

