

	<b>PELEFILLA</b>		
	<b>All-purpose filler</b>	<b>EN 998-1</b>	<b>CE</b>

## DESCRIPTION

**PELEFILLA** is an all purpose filler based on white Portland cement, suitable for filling cracks on plaster, concrete and gypsum boards for interior and exterior surfaces.

**PELEFILLA** is ready for use when mixed with clean water on site. It presents the following advantages:

- Very good workability.
- Easy and quick application for interior and exterior surfaces.
- Very good adhesion on various substrates.
- Fast setting after application without cracking.
- It provides a smooth, durable finished surface, ready to accept nails or screws for hanging light weight fixtures.
- It is cost efficient.

## Technical Specifications

Density	: ~1.05 kg/L
Density of fresh mortar	: ~1.65 kg/L
Mixing ratio (water/PELEFILLA)	: ~0,65-0,70 L / 1,75 kg
Substrate temperature	: +5°C min. / +35°C max.
Ambient temperature	: +5°C min. / +35°C max.
Reaction to fire	: Class A1
Compressive strength	: CSII
Flexural Strength	: $\geq 1 \text{ N/mm}^2$
Adhesion strength	: $1,5 \text{ N/mm}^2$ – FP:B
Water absorption	: W1
Water Vapour permeability coefficientt:	: $\mu 15$
Thermal conductivity ( $\lambda 10, dry$ )	: $\leq 0,44 \text{ W/mk}$ (tab. mean value, P=50%)
Pot life	: at least 4 hours at 23°C
Setting time	: 60 minutes
Thickness per application	: 3-10 mm

## Instructions for use

### SURFACE PREPARATION

All surfaces should be clean, free of dust, oil, residues of other building materials, etc. before applying the product. The substrate must be dry and free from any loose particles. It is advisable surfaces in periods of hot weather, to be sprayed with water, prior of the application



of **PELEFILLA**. In such case, surface film should be allowed to dry after spraying, so as not to inhibit adhesion of the mortar.

### **MIXING**

Depending on the desired consistency and workability, mix 0,65-0,70 L of clean water with every 1.75kg (1 package) of **PELEFILLA** into a suitable mixing container.

Mixing can be done by hand or by using a low speed mechanical stirrer in cases where bigger quantities are required. Mix for at least 3 minutes or until a homogeneous, free of lumps mixture is obtained and the desired consistency is achieved.

The pot life of the mixture is at least 4 hours depending on the weather conditions, if stirred periodically. In case the mixture has started to set before it is used, dispose immediately without using it. In any case, 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 the 35°C.

### **APPLICATION**

**PELEFILLA** should be applied by hand, using a filling knife in layers of 3-10mm each. Apply the required amount of mixture into the cracks and level up just above surface. Press the mixture as to ensure high adhesion on substrate and that the crack is fully filled.

Final surface must be made smooth. For better results, prepare a curved final surface and smoothen using a lightly wet sponge, before it has completely settled. Alternatively, allow the surface to completely set (for at least 2 days) and then smoothen using sandpaper.

Priming of the final surface is recommended before painting. We recommend **ECO PRIMER** Peletico's product.

### **CLEANING OF EQUIPMENT**

Clean all tools and mixing equipment thoroughly with plenty of water after completion of work, and while mortar is still fresh. Use mechanical methods to remove hardened material.

### **REMARKS / LIMITATIONS**

- Use only fresh, clean water for both mixing and cleaning.
- Avoid using material which was stored in open containers/package for a long period of time.
- Never add water or fresh mortar to mixture which has started to set.
- Do not add cement or any other materials on the dry material, as this may negatively affect the mortar.
- Avoid application during extreme weather conditions.

### **PACKAGING**

1.75kg bag made of PE, packed in a carton box.

## 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 3 months from production date, when stored properly in the original, unopened container.

### Health and Safety Measures

- The product contains cement, which reacts as alkaline with water, moisture, sweat and/or other body fluids so it is classified as irritant. Follow normal precautions as with all cementitious materials and products.
- Harmful in contact with skin.
- Harmful if inhaled.
- May cause respiratory irritation.
- Keep out of reach of children.
- Wash body and clothes thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Wear respiratory protection.
- For further and complete information concerning the safe use of the product, please refer to the latest version of Safety Data Sheet.

**Note 1:** 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 2:** 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 the work, we cannot accept any liability for any loss or damage, which may arise as a result thereof.

**Note 3:** All cement 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. In general, it is advisable that for cement based products, storage period should not exceed the 3 months.