

06 / 2024

# ONAT PLASTER® LIGHTWEIGHT PLASTER FOR BUILDING / B4 PERONATE

#### 1. MANUFACTURER INFORMATION

❖ Manufacturer: ONPO Madencilik İnş. San ve Tic. A. Ş.

❖ Place of Production: Bala Yolu Üzeri 20.km Çavuşlu Köyü Dumlutepe Mevkii Bala/ANKARA

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Center: Turgut Özal Bulvarı No: 6 06070 İskitler / ANKARA

**Telephone:** 0312 384 30 97

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### 2. PRODUCT DESCRIPTION

Product Trade Name: Peronat

Peronat, lightweight plaster plaster for building, B4/20/2 hand-applied plaster plaster

## Intended use / purposes (s)

It is a bagged gypsum-based ready-mixed plaster that can be applied directly on brick, concrete, exposed concrete, gas concrete, pumice block, etc. by hand. It is A1 class fireproof material that provides sound insulation.

#### Features

- A1 class fireproof material.
- High strength and adhesion.
- It is a breathable material. In this way, it can balance the humidity in the environment.
- Does not flow and pile up on the surface during application.

❖ Reference Standard : TS EN 13279-1: 2009 TS EN 13279-2: 2014



### 3. CHEMICAL CONTENT

Aggregate Content	% 15 - 20
Chemical Additive Content	% 0,5 – 1,0
Calcium Sulfate Content	% 80 - 85

Peronat peritti siva alçısı

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**Ingredients:** Calcium sulfate dihydrate, micronized calcite, expanded perlite, chemical additives

#### 4. TECHNICAL SPECIFICATIONS

Water / Gypsum Ratio (%)	50 - 65
Spreading Diameter (mm)	165 – 175
Bulk Density (gr/l)	750 – 800
Socket Start (minutes)	60 – 90
Socket Termination (minutes)	150 – 200
рН	13 – 14
Flexural Tensile Strength (N/mm2)	1,0 – 1,2
Compressive Strength (N/mm2)	3,0 – 3,5
Crystal Water Content (%)	4,00 – 4,50
Fire Response Class	A1

# **SIEVE ANALYSES**

Sieves	50 μ	100 μ	150 μ	200 μ	300 μ	500 μ	800 μ	1000 μ
%	40- 45	24- 28	16- 19	15- 22	11- 14	4- 7	0- 1	0,01

## **MANAGEMENT SYSTEMS**

ISO 9001:2015 ISO 14001:2015 ISO 45001:2018



#### 5. IMPLEMENTATION

- The application surface must be cleaned. Afterwards, the dust on the surface should be cleaned with a brush.
- Pour 6-6.5 liters of clean water into the clean container where the mixture will be prepared.
- Open the bag and pour 10 kg of powdered product into the container where the mixture will be prepared.
- Wait about 2-3 minutes for the powdered plaster to absorb the water.
- Continue mixing with a hand mixer or trowel for a minimum of 2 minutes until a homogeneous mixture is obtained.
- For **Peronat**, the appropriate plaster to water ratio is 10 kg powdered plaster to 6-6.5 liters of water, start application after the mixture is completed...
- Apply the prepared plaster mortar to the surface with a clean steel trowel by taking a sufficient amount on the plaster shovel..
- When the desired application thickness is reached with the help of the anos according to the smoothness of the surface, perform the application area with a gauge or wide surface trowel from bottom to top by pressing the ano slats...
- After the application is complete, remember to clean the container and hand tools for the next use.

#### 6. WARNING

- It should be ensured that there is no air flow and draft in the environment during application.
- Application temperature should be between +5 and +40 °C.
- Do not mix Peronate with any product or material other than Satonate.
- Extremely dry, hot and highly absorbent surfaces should be moistened with water.

#### 7. WAREHOUSING

- Stack no more than 15 bags on top of each other on a dry floor.
- Bags should be stored in such a way that they do not come into contact with the ground and are protected from moisture and condensation.
- Must be used within 6 months from the date of production.
- storage environment exceeding the period of use will cause



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