

# onot alçı

## onot gyps

TECHNICAL INFORMATION FORM

07 / 2024

### ONAT GYPS® JOINT PLASTER FOR GYPSUM BOARDS / 3B DERZONAT

#### 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
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#### 2. PRODUCT DESCRIPTION

- ❖ **Product Trade Name** : Derzonat
- ❖ Derzonat, joint filler for gypsum plasterboards, 3D, dual-purpose composition that hardens and sets after chemical reaction and air drying
- ❖ **Intended use / purpose (s)**

It is a decorative filling material with high strength and flexibility, used for filling the joints of gypsum boards and surface smoothing. It is an 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 13963

TS EN 13279-1: 2009

TS EN 13279-2: 2014

ONPO MADENCİLİK İNŞ. SAN. ve TİC. A.Ş.

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### 3. CHEMICAL CONTENT

<b>Aggregate Content</b>	% 15 - 20
<b>Chemical Additive Content</b>	% 0,5 – 1,0
<b>Calcium Sulfate Content</b>	% 75 - 80

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



### 4. TECHNICAL FEATURES

<b>Water / Gypsum Ratio (%)</b>	55 - 60
<b>Spreading Diameter (mm)</b>	145 - 155
<b>Bulk Density (gr/l)</b>	650 - 750
<b>Socket Start (minutes)</b>	80 - 120
<b>Socket Termination (minutes))</b>	120 - 180
<b>pH</b>	7
<b>Flexural Tensile Strength (N/mm<sup>2</sup>)</b>	1,1- 1,6
<b>Compressive Strength (N/mm<sup>2</sup>)</b>	3,3 – 4,5
<b>Crystal Water Content (%)</b>	4,00 – 5,00
<b>Fire Response Class</b>	A1

#### SIEVE ANALYSES

Sieves	50 µ	100 µ	150 µ	200 µ	300 µ	500 µ	800 µ	1000 µ
%	6 - 11	0,4 – 0,9	0,00	0,00	0,00	0,00	0,00	0,00

#### MANAGEMENT SYSTEMS

ISO 9001:2015

ISO 14001:2015

ISO 45001:2018

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## 5. IMPLEMENTATION

- Installation work on plasterboard must be completed before using Derzonat.
- Pour 5.5 - 6 liters of clean water into the container. Sprinkle 10 kg of Derzonat on it. Wait for about 2 - 3 minutes for the plaster to absorb water.
- Mix with a mixer and trowel until a homogeneous mixture is obtained.
- If self-adhesive joint tape is used, the first coat is applied after the tape is adhered.
- If self-adhesive joint tape is not used, the first layer of Derzonat is applied to fill the gaps between the joints and the second layer is applied by pulling the joint tape on it.
- After the derzonate has dried, correction is made if necessary.

## 6. WARNINGS

- 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.
- Extremely dry, hot and highly absorbent surfaces should be moistened with water.

## 7. WAREHOUSING

- A maximum of 20 bags should be stacked on top of each other on dry ground.
- 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.
- Poor storage environment or exceeding the period of use will cause **Derzonat** to lose its properties.



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