

onot alçı

onot gyps

TECHNICAL INFORMATION FORM

07 / 2024

ONAT ALÇI® CONSTRUCTION PLASTER FOR FIBER-REINFORCED GYPSUM ELEMENTS / C1 KARONATE

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
- ❖ **Place of Telephone:** 0312 887 91 91
- ❖ **Fax:** 0312 887 90 09
- ❖ **Center:** Turgut Özal Bulvarı No: 6 06070 İskitler / ANKARA
- ❖ **Telephone:** 0312 384 30 97
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2. PRODUCT DESCRIPTION

- ❖ **Product Trade Name:** Karonat
- ❖ **Product Description:** Karonate, construction plaster for fiber-reinforced gypsum elements C1/8
- ❖ **Intended use / purposes (s)**
It is a building plaster used in the construction of decorative materials such as plasterboard, cores, niches, jambs and sculptures. Karonat can be used both in plasterboard casting and plasterboard adhesion. 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.
- ❖ **Reference Standard:** 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

Aggregate Content	% 0 – 2
Chemical Additive Content	% 0,05 – 0,1
Calcium Sulfate Content	% 98 - 100

Components: Calcium sulfate dihydrate, chemical Contributions



4. TECHNICAL SPECIFICATIONS

Water / Gypsum Ratio (%)	70
Spreading Diameter (mm)	180 - 200
Bulk Density (gr/l)	650 - 750
Socket Start (minutes)	8 - 12
Socket Termination (minutes)	20 – 30
pH	7
Flexural Tensile Strength (N/mm²)	3,0 – 4,0
Compressive Strength (N/mm²)	8 - 10
Crystal Water Content (%)	4,5 – 5,0
Fire Response Class	A1

SIEVE ANALYSES

Sieves	50 µ	100 µ	150 µ	200 µ	300 µ	500 µ	800 µ	1000 µ
%	14 - 15	2,0 – 2,5	0,4 – 0,8	0,01	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

- The application surface must be cleaned. Afterwards, the dust on the surface should be cleaned with a brush.
- Put 7 liters of water into the container to be mixed and add Karonat plaster by sprinkling.
- Wait about 2-3 minutes for the plaster to absorb the water.
- Mix with a hand mixer or steel trowel until a homogeneous mixture is obtained.
- Pour the prepared mixture into the previously greased and prepared mold.
- After pouring a layer, fiber or hessian is laid on the plaster to increase the flexibility or strength of the mold.
- Plaster is poured again on the laid fiber or hessian.
- The plaster poured into the mold starts to heat up after a while.
- The plaster removed from the mold is left to dry at room temperature for a while before installation.
- 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.
- Extremely dry, hot and highly absorbent surfaces should be moistened with water.
- The surface of the ceilings should be roughened before plastering or primed with a material that ensures the mortar adheres to the surface.

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 **Karonate** to lose its properties.



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- Approved By: Factory Director

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