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TECHNICAL INFORMATION FORM

07 / 2024

ONAT PLASTER® THINLY APPLICABLE, SURFACE PLASTER / C6 SATONATE

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
- ❖ **Fax:** 0312 342 32 27

2. PRODUCT DESCRIPTION

- ❖ **Product Trade Name:** Satonat

Satonate, plaster for thin applicable surface layer material, C6/20/2

- ❖ **Intended use / purposes (s)**

It is an under-paint top coat finishing plaster with high adhesion that can be applied on plaster surfaces plastered with Peronat and Makonat and Onatpan plasterboard surfaces. 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

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

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3. CHEMICAL CONTENT

Aggregate Content	% 20 - 25
Chemical Additive Content	% 1,0 – 1,2
Calcium Sulfate Content	% 75 – 80

Ingredients: Calcium sulfate dihydrate, micronized calcite, chemical additives



4. TECHNICAL SPECIFICATIONS

Water / Gypsum Ratio (%)	60 - 70
Spreading Diameter (mm)	160 - 170
Bulk Density (gr/l)	650 - 750
Socket Start (minutes)	120 - 160
Socket Termination (minutes)	200 - 250
pH	7
Flexural Tensile Strength (N/mm²)	1,1 – 1,5
Compressive Strength (N/mm²)	3,5 – 4,0
Crystal Water Content (%)	3,80 – 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
%	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

- The application surface must be cleaned. Afterwards, the dust on the surface should be cleaned with a brush.
- Pour 6-7 liters of clean water into the clean container where the mixture will be prepared. Make sure the container is clean.
- Open the bag and pour 10 kg of powdered product into the container where the mixture will be prepared.
- Continue mixing with a hand mixer or trowel for a minimum of 2 minutes until a homogeneous mixture is obtained.
- For Satonat, the appropriate ratio of water to plaster is 10 kg of powdered plaster to 6-7 liters of water, start application after the mixture is complete.
- Apply the prepared plaster mortar to the surface with a thickness of 1 or 2 mm with the help of a steel trowel. Apply the satin finishing plaster on the steel trowel in both directions from right to left or from bottom to top. Make sure that the steel trowel does not leave a thickness-forming mark when troweling.

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 application surface must be free of dirty materials such as dust, oil, paint.

7. WAREHOUSING

- Stack no more than 20 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.
- Poor storage environment or exceeding the period of use will cause **Satonat** to lose its properties.



- Document No: ONT.TDS.14
- Date of Publication: 8/07/2024
- Date of Revision /No:00
- Prepared By: Quality Assurance Officer
- Approved By: Factory Director

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