

onot levha

onot board

TECHNICAL INFORMATION FORM

06/2024

ONATPAN® GREEN MOISTURE RESISTANT GYPSUM BOARD TYPE H

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:** ONATPAN Green

ONATPAN Green Moisture Resistant Gypsum Board Type H is a gypsum board with reduced water absorption rate, which can be applied with gypsum plaster or a suitable decorative coating on its visible surface.

❖ **Intended use / purposes (s)**

It is a gypsum board that can be used as a dry surface layer on walls, as a coating layer or suspended ceiling on ceilings, as partition walls, as cladding on load-bearing columns and beams, and recommended for use in environments where moisture and water resistance is required. It offers an aesthetic and natural appearance when used in construction decoration works. It offers a comfortable environment..

❖ **Features**

- A2 - s1 d0 class fireproof material
- High strength
- Saves labor and time thanks to clean, fast and easy assembly.
- Very easy to cut and apply.
- Thanks to the high purity natural gypsum, it is lighter, harder and has higher strength and workability.
- Both sides are covered with special cardboard paper, which gives the board flexibility and high strength.

❖ **Reference Standard:** TS EN 520 + A1

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

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3. CHEMICAL CONTENT

Aggregate Content	% 0
Chemical Additive Content	% 0 – 0,5
Calcium Sulfate Content	% 95- 100

Ingredients: Calcium sulphate dihydrate, starch, plasticizer, foaming agent, glue, frost retarder, fiberglass, silicone emulsion, cardboard paper



4. TECHNICAL SPECIFICATIONS

	REFERENCE STANDARD	ONAT ALÇI STANDARD	TEST METHOD
Width (mm)	900 / (0) ; (-4)	899-900	TS EN 520+A1
	1200 / (0) ; (-4)	1199-1200	TS EN 520+A1
	1800 ; (0) ; (-4)	(0); (-1)	TS EN 520+A1
Length (mm)	2000- 3000 ; (0) ; (-4)	(0); (-1)	TS EN 520+A1
	9,5 ; (-0,5)	(0); (-0,1)	TS EN 520+A1
Thickness (mm)	12,5 ; (-0,5)	(0); (-0,1)	TS EN 520+A1
	15 ; (-0,5)	(0); (-0,1)	TS EN 520+A1
	Max. 2,5	Max.1	TS EN 520+A1
Deviation from Perpendicularity of Short Edges (mm/m)			
Thinning Depth (mm)	0,6 ; 2,5	1,2 ; 2,0	TS EN 520+A1
Thinning Width (mm)	40-80	45-55	TS EN 520+A1

		REFERENCE STANDARD	ONAT ALÇI STANDARD	TEST METHOD
9,5 mm	Fracture Load in Bending (N) / Short Edge Direction	>160	>200	TS EN 520+A1
	Fracture Load in Bending (N) / Long Edge Direction	>400	>450	TS EN 520+A1
12,5 mm	Fracture Load in Bending (N) / Short Edge Direction	>210	>250	TS EN 520+A1
	Fracture Load in Bending (N) / Long Edge Direction	>550	>580	TS EN 520+A1
15 mm	Fracture Load in Bending (N) / Short Edge Direction	>250	>300	TS EN 520+A1
	Fracture Load in Bending (N) / Long Edge Direction	>650	>710	TS EN 520+A1

Edge Type

Cut Edge



Thinned Edge



Thermal Conductivity (W/m.K)

0,24

Coefficient of Resistance to Water Vapor Transmission

10

		REFERENCE STANDARD	ONAT ALÇI STANDARD	TEST METHOD
Total Water Absorption (%)	TİP H1	<5	3 – 4	TS EN 520+A1
	TİP H2	<10	7 – 9	TS EN 520+A1
	TİP H3	<25	20 – 22	TS EN 520+A1
Surface Water Absorption (g/m2)	TİP H1	Max. 180	120 – 150	TS EN 520+A1
	TİP H2	Max. 220	150 – 180	TS EN 520+A1
	TİP H3	Max. 300	220 - 250	TS EN 520+A1

5. IMPLEMENTATION

- ONATPAN Green is applied on metal or wooden skeleton with suitable screws according to board thickness.
- It is applied on the existing wall with YAPONAT adhesive plaster.
- Thanks to its thinned long edges, a smooth and even surface can be achieved by using DERZONAT joint filler plaster in the joint areas.

6. WARNINGS

- ONATPAN Green is suitable for indoor use.
- Material and ambient temperature should not be below 4 °C.

7. WAREHOUSING

- It should be ensured that the floor on which the boards will be stored can support the board load.
- Gypsum boards should be stored on a flat surface.
- Must not come into contact with the floor.
- When storing the boards, care should be taken not to damage the edges and corners.
- When transporting, it must be held by the edges so as not to deflect and must be placed with the help of a forklift.
- Before application, the boards must be protected against water, moisture and direct sunlight.
- While stocking, the packaging shape should not be disturbed, the wedge spacing should be in the ranges received on delivery..

MANAGEMENT SYSTEMS

ISO 9001:2015

ISO 14001:2015

ISO 45001:2018



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- Approved By: Factory Director

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