

onot levha

onot board

TECHNICAL INFORMATION FORM

06/2024

ONATPAN® BURGUNDY (RED GREEN) MOISTURE AND FIRE RESISTANT GYPSUM BOARD TYPE FRH1, FRH2, FRH3

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 Maroon (Red Green)

ONATPAN Burgundy Moisture and Fire Resistant Gypsum Board Type FRH is a gypsum board that can be coated with gypsum plaster or a suitable decorative coating on its visible surface, with improved core cohesion against high temperature and reduced water absorption rate.

- ❖ **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.

- ❖ **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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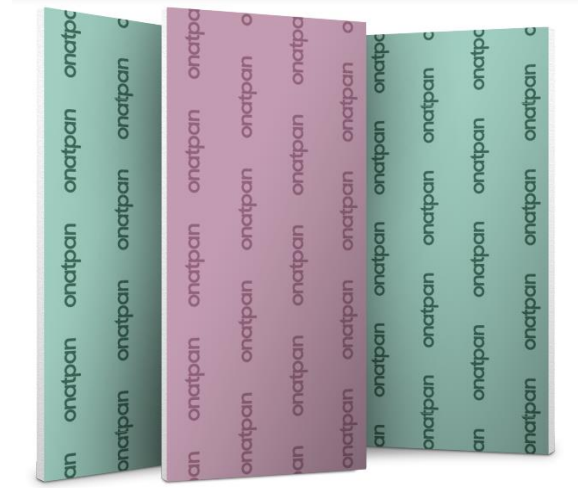
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3. CHEMICAL CONTENT

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
Length (mm)	1800 ; (0) ; (-4)	(0); (-1)	TS EN 520+A1
	2000- 3000 ; (0) ; (-4)	(0); (-1)	TS EN 520+A1
Thickness (mm)	9,5 ; (-0,5)	(0); (-0,1)	TS EN 520+A1
	12,5 ; (-0,5)	(0); (-0,1)	TS EN 520+A1
	15 ; (-0,5)	(0); (-0,1)	TS EN 520+A1
Deviation from Perpendicularity of Short Edges (mm/m)	Max. 2,5	Max.1	TS EN 520+A1
Depth of Thinning (mm)	0,6 ; 2,5	1,2 ; 2,0	TS EN 520+A1
Thinning Width (mm)	40-80	45-55	TS EN 520+A1
Fire Response Class	A2 – s1 d0	A2 – s1 d0	TS EN 520+A1
High Temperature Fire Response Time (minutes)	>15	15 - 30	TS EN 520+A1

		REFERENCE STANDARD	ONAT ALÇI STANDARD	TEST METHOD
9,5 mm	Fracture Load in Bending (N) / Short Edge Direction	>228	>275	TS EN 520+A1
	Fracture Load in Bending (N) / Long Edge Direction	>551	>600	TS EN 520+A1
12,5 mm	Fracture Load in Bending (N) / Short Edge Direction	>300	>350	TS EN 520+A1
	Fracture Load in Bending (N) / Long Edge Direction	>725	>750	TS EN 520+A1
15 mm	Fracture Load in Bending (N) / Short Edge Direction	>360	>400	TS EN 520+A1
	Fracture Load in Bending (N) / Long Edge Direction	>870	>920	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/m ²)	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 Bordo 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.

5. WARNINGS

- ONATPAN Burgundy 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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