

CERTIFICATE OF PRODUCT CONFORMITY

Dubai Central Laboratory Department (DCLD) of Dubai Municipality,

hereby attests that the product(s)

NEVPANEL® MAGNESIUM OXIDE BOARDS

(Details as per the attached Scope of Certification)

manufactured by:

Nevpanel Yapi Maden Üretim İthalat İhracat Sanayi Ve Ticaret Limited Şirketi
Located at Eskişehir Organize Sanayi Bölgesi 28 Cad. No:8 Odunpazarı -Turkey

have been assessed in accordance with DCLD Document Ref. No. RD-DP21-2001 (IC) "General Rules for DM third party product certification system through factory assessment" and the relevant Specific Rules, and were found in conformity with the standard specification:

TAR-159

Accordingly, DCLD hereby authorizes the above manufacturer to affix the DCL Product Conformity Mark to the above-mentioned product(s).



for / **ENGR. AMIN AHMED AMIN**

Director, Dubai Central Laboratory Department

Dubai Municipality

Verify:



Certificate No: TAC-159

Valid Until: 25/01/2019



Current Issue Date: 26/01/2018

Original Issue Date: 26/01/2017

The attached Scope of Certification bearing the same Certificate No. forms an integral part of this Certificate.
This Certificate is an electronic document, subject to the Terms and Conditions of the Product Certification System and shall not be reproduced except in full.

- 1 **The Company:** Nevpanel Yapi Maden Üretim İthalat İhracat Sanayi Ve Ticaret Limited Şirketi.
- 2 **Product trade name:** NevPanel® magnesium oxide boards.
- 3 **Manufacturer:** Nevpanel Yapi Maden Üretim İthalat İhracat Sanayi Ve Ticaret at Eskişehir Organize Sanayi Bölgesi 28 Cad. No:8 Odunpazarı.
- 4 **Product Description:** NevPanel; DragonBoardTürkiye; MagnumBoard. is a fire protective boards are made of magnesium oxide and magnesium chloride, manufacturer with vary thickness (4, 6,9 ,12 ,15 and 18 mm) with standard width and length 1220 x 2440 Other dimensions and/or thicknesses may be produced on demand respecting.
- 5 **Scope of approval :** This technical approval applies to the fire protective boards with designations Nevpanel magnesium oxide boards.

6 Product characteristics

Product characteristic are as shown in Table 1.

Table 1 Product characteristics

TEST NAME	DECLARED VALUE
Reaction to fire (EN 13501-1)	Class A1
Resistance to fire (EN 13501-2)	9 mm 12 mm 15 mm EI 45 EI 60, EI 180
Thermal resistance (15mm)	0.055 max. (m ² k/w)
Length (EN 12467)	±5 mm
Width (EN 12467)	± 0.3 %
Thickness – e (EN 12467)	e ≤ 6mm → ±0.6 mm 6 mm ≤ e ≤ 20 mm → ±10%e e ≥ 20 mm → ±2 mm
Shape (EN 12467)	straightness of the edges= 0,3% squareness = 4 mm/m
Density EN 12467	0.7-1.2 g/cm ³
Compressive Strength perpendicular to board EN 789	≥12.0 Mpa
Compressive Strength parallel to board EN 789	≥11,5 Mpa
Water Vapor	52.0 MAX
Tensile Strength (MPa)	3.50 min.

7 Tests conducted

The following tests were conducted on the product and showed satisfactory results. As per table 2

Table 2

PROPERTY	RESULT	TEST REPORT NO.
Thickness	Within tolerance	318342
Length	Within tolerance	318342
Width	Within tolerance	318342
Reaction to Fire Classification	Class A1	317491
Resistance to fire (15mm)	EI 180	EEA-16-114
COMPRESSIVE STRENGTH -MPa	Parallel 12.21 Perpendicular 12.20	316007
Tensile Strength (MPa)	3.93	316007
Water Vapor	48.15	320657
Density- g/cm ³	0.9	318342
Thermal resistance (25mm)	0.053 (m ² k/w)	DCL 100023799
Shape (EN 12467)	Within tolerance	318340

8 Identification/Labeling/Marking

Each product item as well as the packing containers shall be identified / labeled / marked to show the required basic information (manufacturer name , the product name ,the DCL Technical Approval mark) in Arabic and/or English language.



9 Production quality control

The products shall be manufactured under an approved quality control program as shown in the internal quality inspection and testing plan .

The quality control program shall verify continued compliance with requirements shown in Table 1.

10 Conditions of Approval

- 10.1 This approval is granted only to *Nevpanel Yapi Maden Üretim* “No other company, firm or person may hold or claim any entitlement to this Technical Approval.
- 10.2 This Technical Approval will remain valid for the period shown on the Approval Certificate provided that.
- The company complies with the requirements of this Technical Approval,
 - The characteristics of the products are unchanged,
 - Continue to be checked by DM as per surveillance scheme mentioned hereinafter in this report.
- 10.3 In granting this Technical Approval, Dubai Municipality makes no representation to:
- The presence or absence of patent or similar rights subsisting in Nevpanel Yapi Maden Üretim
 - The legal right of “Nevpanel Yapi Maden Üretim” to market n the Emirate of Dubai.

10.4 The Technical Approval shall not be used in such manner as to bring Dubai Municipality into disrepute and ““Nevpanel Yapi Maden Üretim”” shall not make any statement which Dubai Municipality may consider as misleading.

10.5 Surveillance

- Inspection and testing

Dubai Municipality maintains the right to inspect the factory and products at any time without prior notice and to collect samples from the products available at the client’s factory, warehouses or at any building site within Dubai Emirate, for the purpose of verification and/or testing.

- Complaints

““Nevpanel Yapi Maden Üretim”” shall provide Dubai Central Laboratory (DCL) in writing with details of all records of complaints received whenever requested by DCL and shall keep records of such complaints for examination by Dubai Central Laboratory personnel.

- Cost of sampling and testing

““Nevpanel Yapi Maden Üretim”” shall bear the cost of sampling and testing of the products either at Dubai Central Laboratory (DCL) or at any other DCL approved laboratory. The testing laboratory may be any local, regional or international laboratory.

10.6 Failing to satisfy the conditions of this Technical Approval Certificate may be grounds for terminating the Technical Approval.

11 Disclaimer

13.1 The Dubai Municipality - Dubai Central Laboratory Department shall not be held liable for installation the product in the site.

13.2 The Dubai Municipality - Dubai Central Laboratory Department shall not be held liable for any action (legal or otherwise) raised by any party on matters resulting from implementation of the Technical Approval