



TSE DENEY ve KALİBRASYON MERKEZİ BAŞKANLIĞI
Yapı Malzemeleri ve Kimya Laboratuvar Grup Başkanlığı (Gebze)
Yapı Malzemeleri Laboratuvarı Gebze Müdürlüğü

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*HEADSHIP OF TSE TEST and CALIBRATION CENTER
 CONSTRUCTION MATERIALS LABORATORY (GEBZE)*

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250378

03-15

MUAYENE VE DENEY RAPORU
TEST REPORT

Deneyi Talep Eden (Adı, Adresi, Şehir vb.)	:	NEVRA İNŞ. YAPI TEKNOLOJİLERİ SAN. VE TİC. LTD. ŞTİ.
<i>CUSTOMER (Name, Address, City etc.)</i>	:	(NEVRA İNŞ. YAPI TEKNOLOJİLERİ SAN. VE TİC. LTD. ŞTİ.: BAĞDAT CAD. ÇOLAKOĞLU İŞ MERKEZİ NO: 458/22 34846 MALTEPE/İSTANBUL --İSTANBUL)
Deney Talep Tarihi/No <i>Order Date / No</i>	:	12.03.2015 / 125461
Numunenin Tanımı (Cins, Marka, Tip, Tür, Model vb.)	:	Magnezyum Oksit Esaslı Yapı Paneli, NevPanel® MgO Esaslı Yapı Paneli , - , - , - , 2,00 adet
<i>Sample Description (Type, Mark, Model etc.)</i>	:	<i>Magnesium Oxide Based Construction Panel, NevPanel® MgO Based Construction Panel, - , - , - , 2,00 item</i>
Numune Kabul Tarihi <i>Test Item Receipt Date</i>	:	09.03.2015
	:	<i>Sampling was done by the manufacturer</i>
Deneylerin Yapıldığı Tarih <i>Date of Test</i>	:	09.03.2015 - 26.03.2015
Uygulanan Standard / Metod <i>Applied Standard / Method</i>	:	TS EN ISO 1182:2010-07 , TS EN 13501-1+A1 :2013-04 , TS EN İSO 1716:2010:2011-01 TS EN ISO 1182:2010-07 , TS EN 13501-1+A1 :2013-04 , TS EN ISO 1716:2010:2011-01
Raporun Sayfa Sayısı <i>Number of pages of the report</i>	:	4 (17 sayfa ek)
Açıklamalar <i>Remarks</i>	:	

Yukarıda tanımlanan numune için laboratuvarımızda yapılan muayene ve deneylerden elde edilen sonuçlar müteakip sayfalarda verilmiştir.

The testing and /or measurement results are given on the following pages which are part of this report.

Bu rapor özel deney talebine istinaden düzenlenmiş olup, Standartlara Uygunluk Belgesi niteliğinde değildir. Partiyi temsil etmez, ayrıca ilan, reklam ve ihalelerde uygunluk belgesi niteliğinde kullanılamaz.

This test report was prepared upon customer's request, can not be used as certificate of conformity to standards, does not represent a batch and can not be used as conformity document for advertisements and procurements .



Deney Sorumlusu
Person in charge of tests
Alpay SUMER
Uzman Yardımcısı

Kontrol Eden
Reviewer
Sencer GÜVEN
Teknik Şef

Onaylayan
Approved by
Sencer GÜVEN
Teknik Şef V.

Bu rapor, test edilen laboratuvarın yazılı izni olmadan kısmen kopyalanıp çoğaltılamaz. İmzasız ve mühürsüz raporlar geçersizdir.

Bu rapor, sadece deneyi yapılan numune için geçerlidir ve "Ürün Belgesi" yerine geçmez.

This test report shall not be reproduced other than in full except with the written permission of the laboratory. Test reports without signature and seal are not valid.

This test report represents only tested sample(s), and shall not be used as Product Certificate

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Aydınlı Mah. Çamlıbelde Yolu Cad. Gülenür Sok. No:7/1

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Reaction to Fire Classification Report

1 Introduction

This classification report defines the classification assigned to the product “NevPanel® MgO Esaslı Yapı Paneli” in accordance with the procedures given in the standard TS EN 13501-1 + A1: January 2010 Fire classification of construction products and building elements – Part 1: Classification using data from reaction to fire tests.



REACTION TO FIRE CLASSIFICATION ACCORDING TO TS EN 13501-1: 2010

Sponsor	Nevra İnşaat Yapı Teknolojileri San. Ve Tic. Ltd. Şti.
Prepared by	TSE Tuzla Insulation Laboratories
Notified Body No.	1783
Product name	NevPanel® MgO Esaslı Yapı Paneli
Classification report No.	250378
Issue number	2/3
Date of issue	26.03.2015

This classification report consists of three pages and may only be used or reproduced in its entirety.

2 Details of Classified Product

2.1 General

The product “NevPanel® MgO Esaslı Yapı Paneli” is defined as a magnesium oxide based construction board. It is utilized as:

- Interior and exterior covering
- Thermal insulating layer in facades
- Parts of interior partition wall systems for thermal, sound and fire insulation
- Roof sheathing panel
- Parts of sandwich panel systems
- Parts of doors, benches and cabinets for non-combustibility
- Flooring support material.

2.2 Product description

The product “NevPanel® MgO Esaslı Yapı Paneli” consists of homogeneously distributed magnesium oxide and magnesium chloride with mineral fibers packed and pressed to form a compact dense construction board. It has finished surface with a clear white colour on one face and a rugged white surface on the other.

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Property	Value/Description
Width	600 mm
Length	600 mm
Thickness	12 mm
Nominal mass per unit area	11.40 kg/m ²
Density	950 kg/m ³
Components	Magnesium oxide, magnesium chloride, pearlite, wood shavings and glass fibre
Surface	One finished and one ragged, both faces can be used

3 Test Reports and Results in Support of This Classification Report

3.1 Reports

Following test reports were taken into account in the determination of this classification.

Laboratory	Sponsor	Test Report Ref. No	Test Method
TSE Tuzla Insulation Laboratories, Tuzla - İstanbul	Nevra İnşaat Yapı Teknolojileri San. Ve Tic. Ltd. Şti.	250352 / 03-15	TS EN ISO 1182 (July 2010)
TSE Tuzla Insulation Laboratories, Tuzla - İstanbul	Nevra İnşaat Yapı Teknolojileri San. Ve Tic. Ltd. Şti.	250370 / 03-15	TS EN ISO 1716 (January 2010)

3.2 Results

Results of the above mentioned test reports and the corresponding classification criteria given in the standard TS EN 13501-1 + A1: 2010 were given in the following table.

Test Method	Parameter	Number of tests	Test Results		Criteria for Class A1	
			Mean of Continous Parameters	Compliance Parameters	Continous Parameters	Compliance Parameters
TS EN ISO 1182 ⁽¹⁾	Δm (%)	5	47.1	(-)	≤ 50	(-)
	ΔT (°C)		4.2	(-)	≤ 30	(-)
	t _r (s)		0	(-)	= 0	(-)
TS EN ISO 1716 ⁽²⁾	PCS (MJ.kg ⁻¹)	3	0.584	(-)	≤ 2.0	(-)

(-) Not applicable

⁽¹⁾ Based on the results of the test report Ref. No: 250352 / 03-15

⁽²⁾ Based on the results of the test report Ref. No: 250370 / 03-15



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Reaction to Fire Classification Report

4 Classification and Direct Field of Application

4.1 Reference of classification

This classification has been carried out in accordance with clause 11.8 of TS EN 13501-1 + A1: 2010.

4.2 Classification

In relation to its reaction to fire behaviour, the product "NevPanel® MgO Esaslı Yapı Paneli" has been classified:

A1

Fire behaviour	Smoke production	Flaming droplets
A1	Not classified	Not classified

Reaction to fire classification: A1

4.3 Field of application

This classification is valid for the products, of the same type and name, produced by using the same formula, complying the following parameters

Trade name: NevPanel® MgO Esaslı Yapı Paneli
Density: 950 kg/m³
Thickness: 12 mm and thicker
Board size: Any

This classification is valid for the following end use conditions

- With or without fixing to metal or wooden profiles
- Without substrate or with any substrate of class A1
- Without glue or with any glue of class A1
- Without mechanical fixing or with any non-combustible mechanical fixing

5 Limitations

At the time of publishing of the standard TS EN 13501-1 + A1: 2010, there was not any decision concerning the duration of validity of a classification report.

The present document represents neither type approval nor certification of the product.



End of classification report.

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