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Elektroteknik ve Kimya Laboratuvarları Grup Başkanlığı
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HEADSHIP OF TSE TEST and CALIBRATION CENTER
AEGEAN REGIONAL LABORATORIES (İZMİR)

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TEST
TS EN ISO/IEC 17025
AB-0001-T

AB-0001-T

256512

05-15

MUAYENE VE DENEY RAPORU
TEST REPORT

Deneysel Talep Eden (Adı, Adresi, Şehir vb.)	:	NEVRA İNŞ. YAPI TEKNOLOJİLERİ SAN. VE TİC. LTD. ŞTİ.
Customer (Name, Address, City etc.)	:	BAĞDAT CAD. ÇOLAKOĞLU İŞ MERKEZİ NO:458/22 34846 MALTEPE/İSTANBUL - -İSTANBUL)
Deneysel Talep Tarihi/No Order Date / No	:	16.04.2015 / 127691
Numunenin Tanımı (Cins, Marka, Tip, Tür, Model vb.)	:	YAPI PANELİ, , 1.00 adet
Sample Description (Type, Mark, Model etc.)	:	building Panel, 1,00 item
Numune Kabul Tarihi Test Item Receipt Date	:	16.04.2015
	:	Samples were taken by the customer
Deneysel Yapıldığı Tarih Date of Test	:	16.04.2015 - 20.05.2015
Uygulanan Standard / Metod Applied Standard/Method	:	TS EN ISO 8990:2002-01 Isı Yalıtımı- Kararlı Durum Isı İletim Özelliklerinin Tayini- Kalibre Edilmiş ve Mahfazalı Sıcak Kutu TS EN ISO 8990:2002-01 Thermal insulation-Determination of steady-State thermal transmission properties- Calibrated and guarded hot box
Raporun Sayfa Sayısı Number of pages of the report	:	2
Açıklamalar Remarks	:	

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The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report.

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

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Deneysel Sorumlusu
Person in charge of tests

Akide Selcen HERGÜN
Tekniker

Kontrol Eden
Reviser

M. H. GÜR
Teknik Şef

Onaylayan
Approved by

M. H. GÜR
Teknik Şef

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

LAB-D-FR-36:15.08.2014-0

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TSE DENEY ve KALİBRASYON MERKEZİ BAŞKANLIĞI TERCİHLENE YAPI MAZLEMELERİ
LABORATUVARI
HEADSHIP OF TSE TEST and CALIBRATION CENTER TERCİHLENE CONSTRUCTION MATERIALS
LABORATORY

256512/05.15
AB-0001-T

MUAYENE - DENEY SONUÇLARI TEST RESULTS

(*)Standardda Requested	Contained In The	The Result																																				
<p>5.6 Thermal behavior characteristics</p> <p>TS EN ISO 8990 TS EN 1745</p> <p>Manufacturer Declared: $\lambda = \text{--- W/mK}$</p>	<p>Stated dimensions (104)mm. Profile system + mgo panel + stone wool and constructed with a screw.</p> <p>According to TS EN 1745 Standard test methods (TS EN ISO 8990) experiment is performed, measured and calculated the thermal transmission properties are given below.</p> <table border="1"> <tr> <td>Test equipment:</td> <td>Measuring area 1 m², the hot box</td> </tr> <tr> <td>Test sample:</td> <td>1 m² of wall.</td> </tr> <tr> <td>Algılayıcılarının presentation along with the location</td> <td>Hot surface in 9 nine of cold surface probe, probe</td> </tr> <tr> <td>The conditioning process sample experiments:</td> <td>23 ° c ± 2 temperature and relative humidity of 50% ± 5 are conditioned.</td> </tr> <tr> <td>Test specimen according to the format:</td> <td>Vertical</td> </tr> <tr> <td>Heat flow direction:</td> <td>Horizontal</td> </tr> <tr> <td>The intensity of the heat flow rate: q (W/m²)</td> <td>13,825</td> </tr> <tr> <td>The hot air temperature: (° c)</td> <td>25,00</td> </tr> <tr> <td>Cold side air temperature (° c)</td> <td>-5,00</td> </tr> <tr> <td>Hot-side surface temperature (° c)</td> <td>24,43</td> </tr> <tr> <td>Cold-side surface temperature (° c)</td> <td>-4,81</td> </tr> <tr> <td>Measured thermal resistance: R (m²k/W)</td> <td>2,00</td> </tr> <tr> <td>R_{si} (m²K/W):</td> <td>0,13</td> </tr> <tr> <td>R_{se} (m²K/W):</td> <td>0,04</td> </tr> <tr> <td>R_T (m²K/W)= R+ R_{si}+ R_{se}</td> <td>2,17</td> </tr> <tr> <td>U (W /m²K)= 1/R_T :</td> <td>0,461</td> </tr> <tr> <td>The estimated accuracy:</td> <td>5%</td> </tr> <tr> <td>Experimental period:</td> <td>3 day</td> </tr> </table> <p>($\lambda = d/R$) belongs to the above specimen from his relationship $\lambda = 0.052 \text{ W/mK}$ are calculated as.</p>	Test equipment:	Measuring area 1 m ² , the hot box	Test sample:	1 m ² of wall.	Algılayıcılarının presentation along with the location	Hot surface in 9 nine of cold surface probe, probe	The conditioning process sample experiments:	23 ° c ± 2 temperature and relative humidity of 50% ± 5 are conditioned.	Test specimen according to the format:	Vertical	Heat flow direction:	Horizontal	The intensity of the heat flow rate: q (W/m ²)	13,825	The hot air temperature: (° c)	25,00	Cold side air temperature (° c)	-5,00	Hot-side surface temperature (° c)	24,43	Cold-side surface temperature (° c)	-4,81	Measured thermal resistance: R (m ² k/W)	2,00	R _{si} (m ² K/W):	0,13	R _{se} (m ² K/W):	0,04	R _T (m ² K/W)= R+ R _{si} + R _{se}	2,17	U (W /m ² K)= 1/R _T :	0,461	The estimated accuracy:	5%	Experimental period:	3 day	<p>----</p>
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* ACCREDITATION REASSURANCE

