



THE SCIENTIFIC AND TECHNOLOGICAL RESEARCH COUNCIL OF TURKEY
MARMARA RESEARCH CENTER
MATERIAL INSTITUTE

P.O. Box 21, 41470 GEBZE – KOCAELİ / TURKEY
T +90 262 677 20 00 F +90 262 641 23 09
<http://mam.tubitak.gov.tr>

TEST REPORT
(Industrial Services)

Report no : 20684700-125.05-299/2598

Report date : 04 Mar 2018

Subject : 4 Points Test carried out on the samples named as “Aluminum Composite Panel”

The results in this report are valid only for the analyzed samples.

Approved by

Dr. Özgür DUYGULU
Materials Institute Tests and Analysis

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This report is prepared as two originals (one for the customer, one for the institute archives) and contains 3 pages.

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Report no : 20684700-125.05 - 299/2598		
Requested by : Sistem Metal Yapı Reklam Malz. ve İnş. San. Tic. A.Ş		
Address : Ayazağa Mahallesi Mimar Sinan Sokak Seba Center İş Merkezi No: 21 D Blok, Kat:2 Kapı No:15 Sarıyer/İSTANBUL		
Sample : Composite	Expiry date :	
Number of samples : 3 groups	Institute sample register no: 18-279/1-3	
Sample handling : by cargo	Reception date and time : 27/04/2018	
Condition of sample at reception: suitable	Date of the analysis : 03/05/2018	
Information on retention samples: () Sample returned to the customer () Retention sample available (x) Retention sample is not taken		
<p>This report contains the results of "4 Points Tests" carried out on the samples provided and named as "Aluminium Composite Panel" by Sistem Metal Yapı Reklam Malz. ve İnş. San. Tic. A.Ş.. The application letter is dated April 27 2018 and Marmara Research Center registration number is 2412.</p> <p>4 Points Test: The tests are carried out by using ZWICK Z250 Universal Tensile-Compression test machine and 4 points testing equipment. The test samples are prepared by the customer. The results are given below.</p>		
Sample: Albond 9000 FR	Maximum Strength (MPa)	m (MPa)
1	126.1	39383
2	127.8	39457
3	128.0	39863
4	128.8	39964
5	127.4	38592
6	125.6	38618

Mean	127.3	39313
Standard Deviation	1.2	592
Notes: m is the slope of the secant/tangent to the initial straight line section of stress-crosshead.motion ratio curve		
Authorized Signatures: 51412 		
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<u>Sample: Albond 9000 A2</u>	<u>Maximum Strength (MPa)</u>	<u>m (MPa)</u>
1	118.4	34591
2	117.7	33977
3	112.5	32165
4	113.3	32594
5	112.1	32755
6	111.9	32033

Mean	114.3	33019
Standard Deviation	3.0	1033

<u>Sample: Albond 9000 PE</u>	<u>Maximum Strength (MPa)</u>	<u>m (MPa)</u>
1	119.1	34701
2	115.7	32715
3	118.1	33471
4	118.8	32397
5	116.2	32033
6	121.5	35244

Mean	118.2	33427
Standard Deviation	2.1	1299

Notes: m is the slope of the secant/tangent to the initial straight line section of stress-crosshead.motion ratio curve

Authorized Signatures:

51412



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