NATIONAL RESEARCH CENTRE
TAHRIR St. DOKKI, CAIRO, EGYPT
Central Unit For Analysis And
Scientifical Services (CUASS)
Material Test Lab.

المركز القومى للبحوث
الدقى . القاهرة . جمهورية مصر العربية
وحدة التحاليل و الخدمات العلمية المركزية
معمل اختبار المواد

Test Report

Report No.	MO1 1096 02 2023
Client	**GlassRock Company**
Authority & date	Request Orders Date 20/2/2023
Items Tested	**Rock wool board thickness 5cm density 100 kg/m3**
Results	The detailed test results are given on the following pages of this report (5 pages) .
Report Typist	* Mis. Naglaa Mohamed
Test carried by	* Mis. Sara Abdel Reheam – Noha Samir * Mis . Fatma El – Zahraa Fikry * Chem. Abla Abd El-Mabood * EN. Ahmed Said
Authorized by	Prof. Dr. Mostafa Zaki Mostafa * The Supervisor of Ceramics, Polymer and Solid Matter Department. * Management Representative and Quality Assurance Manager.
Issue date	28/2/2023
Condition of Test & Issue	The test speciemen was conditioned at 23 °C with a humidity of 60 % and the needed calibrations as well as balancing of the all used machines were always done .

شارع التحرير - الدقى - القاهرة
مباشر ٣٣٣٨٧٨٠٣ فاكس
داخلى ١٨١٠ ١٤٢٤
٣٣٣٧١٣٦٢ - ٣٣٣٧١٦١٥
٣٣٣٥٥١٩٢ - ٣٧٦٠٧٥٤١

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To / GlassRock Company

Dear Sir.,

With correspondence to your request dated 20/2/2023 concerning the testing sample of Rock wool board thickness 5cm density 100 kg/m3 ,We would like to inform you that the all following needed tests were carried out which namely:-

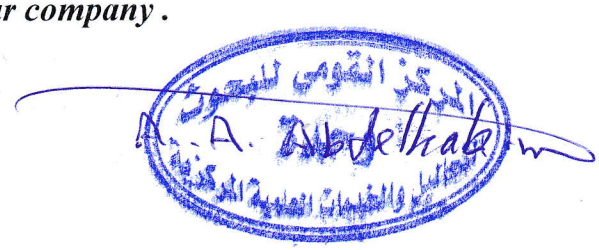
1- Fire resistance test (Temperature/Time) according to E119

We would like to inform you that the all needed tests were carried out taking into consideration the following conditions:

1- Standard Ni- Ni chrome thermocouples were used in measuring the temperatures ,Which attached to measuring digital meter type K-THERMOMETER 710 RS-232

2- The all used Machinery and the apparatus were calibrated periodically .

The following table gives the obtained results representing delivered sample from your company .



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Fire resistance test (Temperature/Time)

according to E119

On a sample of Rock wool board thickness 5cm density 100 kg/m3

Delivered from GlassRock Company

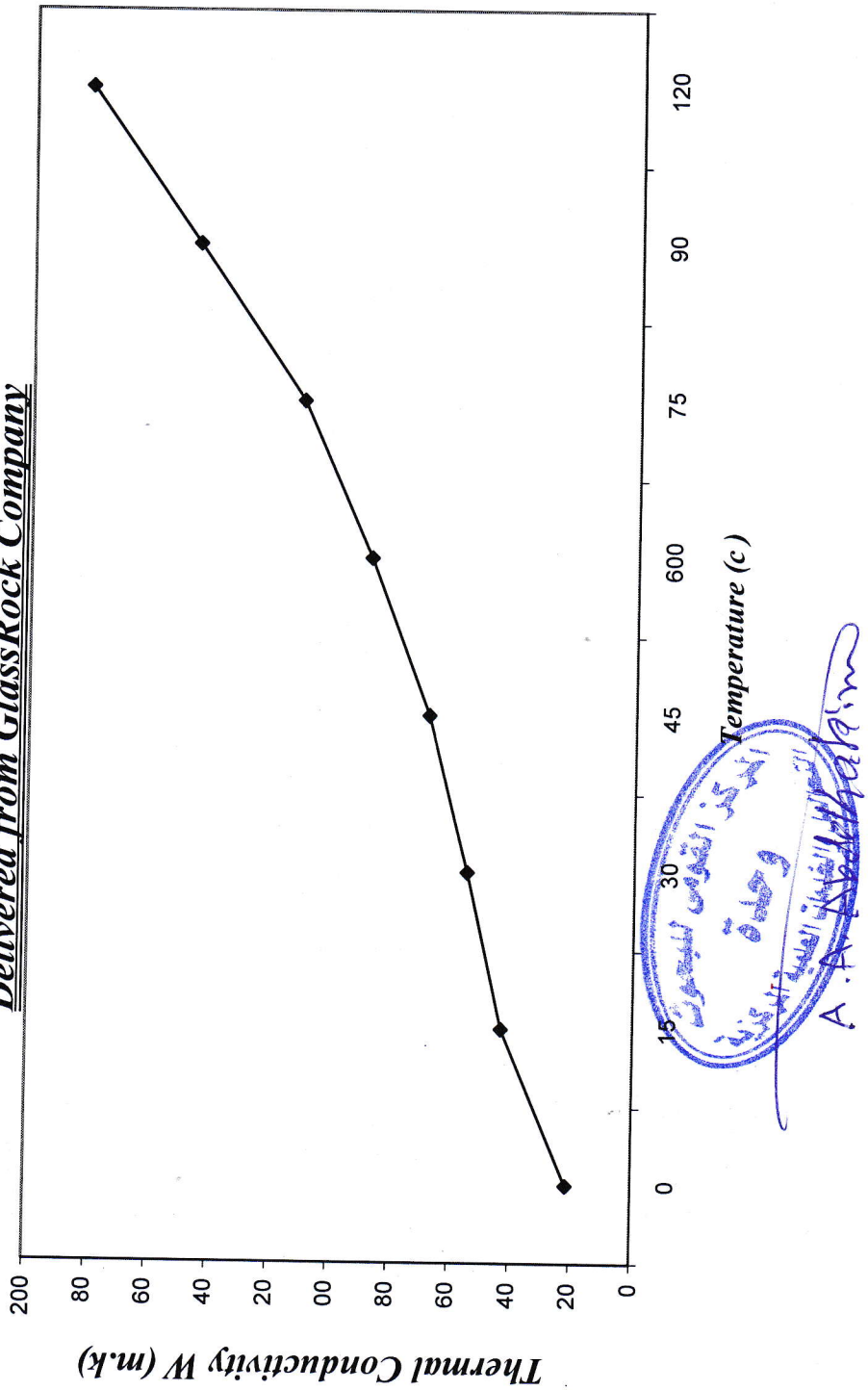
Time (Minutes)	*Exposed Surface Temperatures (°C)*	*Unexposed Surface Temperatures (°C)*
0	*1010*	*21.3*
15	*1010*	*43.2*
30	*1010*	*54.9*
45	*1010*	*68.1*
600	*1010*	*87.7*
75	*1010*	*110.7*
90	*1010*	*145.7*
120	*1010*	*181.7*

شارع التحرير - الدقى - القاهرة
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Fire resistance test (Temperature/Time)
according to E119
On a sample of Rock wool board thickness 5cm density 100 kg/m3
Delivered from GlassRock Company



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This report was given to you representing only the results for the sample Rock wool board thickness 5cm density 100 kg/m3 , delivered from GlassRock Company , These results and conclusions were given to you without any responsibility on ***THE CERAMICS, POLYMERS AND SOLID MATTER DEP.****of* ***THE MATERIAL TEST LAB*** *in* ***THE NATIONAL RESEARCH CE***

NTRE *for pick up the samples to be tested .*

Head of Director of The Board of Central Depertment
for Scientifical Analysis and Tests
&
SUPERVISOR
OF CERAMICS, POLYMER AND
SOLID MATTER DEPARTMENT
PROF.DR. MOSTAFA ZAKI MOSTAFA

شارع التحرير - الدقى - القاهرة
٣٣٣٨٧٨٠٣ مباشر
١٨١٠ داخلى
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