



Test Report

Report No.	MO1 0956 03 2019
Client	Tri-Chem Construction Chemicals
Authority & date	Request Orders 14/3/2019
Items Tested	<u>sample of Tri - Decorative</u>
Results	<i>The detailed test results are given on the following pages of this report (4 pages).</i>
Report Typist	* Mis. Naglaa Mohamed-Sara Abdel Reheam
Test carried by	Noha Samir
	* Mis . Fatma El Zahraa Fikry
	* H.Eng. Ahmed Said
	* Chem. Amr El Shafey
	* Dr. Abou El Ftouh Abd El Hakem
Authorized by	Prof. Dr. Mostafa Zaki Mostafa
	* The Supervisor of Ceramics, Polymer and Solid Matter Department.
	* Management Representative and Quality Assurance Manager.
Issue date	2/4/2019
Condition of Test & Issue	<i>The test specimen 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 .</i>



(1/4-0956)





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

المركز القومي للبحوث

الدقى . القاهرة . جمهورية مصر العربية
وحدة التحاليل والخدمات العلمية المركزية
معمل اختبار المواد



To / Tri-Chem Construction Chemicals

Dear Sir.,

With correspondence to your request dated 14/3/2019 concerning the sample of Tri - Decorative , we would like to inform you that the all following needed test was carried out which namely :

- Bond Strength Test according to ASTM D4541.

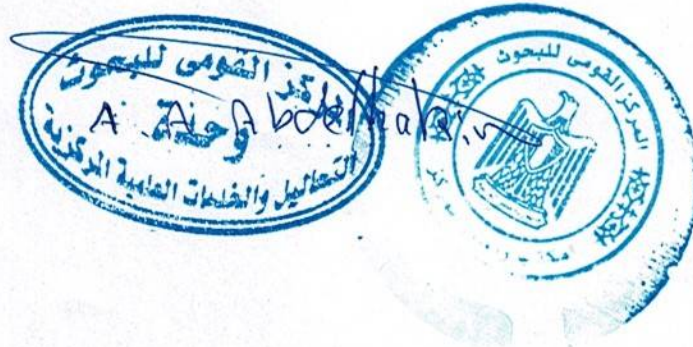
We would like to inform you that the needed test was carried out taking into consideration the following conditions:

1-In all mechanical properties GALDABINI –QUASAR 600- Testing Machine was used This type of GALDABINI has a self calibration , zero adjusting and automatic balance , which are done daily before testing or during testing this testing instrument is accompanied by a highly reliable system for evaluating the mechanical properties.

2-Measuring drum of sensitivity+0.01mm was used for dimensions evaluation.

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

The following obtained results representing the sample delivered by your company.



(2/4-0956)

شارع التحرير- الدقى - القاهرة

مباشر ٣٣٣٨٧٨٠٣
وفاكس

داخلى ١٨١٠
١٤٢٤

٢٢٢٧١٦١٥-٢٢٢٧١٢٦٢
٢٧٦٠٧٥٤١-٢٢٢٥٥١٩٢



E-mail: nrc1302a@yahoo.com



Bond St. Test according to ASTM D4541
On a sample of Tri - Decorative
Produced by Tri-Chem Construction Chemicals

No.	Bond St. (N/mm ²)	The mean Value (N/mm ²)
1	0.37	0.378
2	0.35	
3	0.38	
4	0.40	
5	0.39	



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This report was given to you representing only the results for the delivered sample of Tri - Decorative. 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 CENTRE for pick up the samples to be tested.

Head of Director of the Board of Central Department
For Scientific Analysis and Tests
&

SUPER VISOR OF Material Test Lab

A. A. Abdelhakim
PROF. DR. MOSTAFA ZAKI MOSTAFA



(4/4-0956)

شارع التحرير - الدقى - القاهرة

مباشر ٣٣٣٨٧٨٠٣
وفاكس

داخلى ١٨١٠
١٤٢٤

٣٣٣٧١٦١٥ - ٣٣٣٧١٣٦٢
٣٧٦٠٧٥٤١ - ٣٣٣٥٥١٩٢



E-mail: nrc1302a@yahoo.com