



Test Report

Report No.	MO1 8444 04 2022
Client	Tri-Chem Construction Chemicals
Authority & date	Request Orders 28/4/2022
Items Tested	<u>Sample of TRI-SHOTCRETE Pro.date 31/3/2022</u>
Results	The detailed test results are given on the following pages of this report (4 pages) .
Report Typist	* Mis. Naglaa Mohamed
Test carried by	* Mis . Fatma El – Zahraa Fikry
	* Mis . Noha Samir - Sara Abd Elreheam
	* 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	10/5/2022
Condition of Test & Issue	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.





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

المركز القومي للبحوث

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



To Whom in May Concern / Tri – Chem Construction Chemicals
Dear Sir.,

With correspondence to your request dated 28/4/2022 concerning the testing Sample of TRI-SHOTCRETE Pro.date 31/3/2022 , We would like to inform you that the all following needed tests were carried out which namely:

- Compressive Strength Test according to ASTM C579.

We would like to inform you that the all needed tests were 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- Braive Instruments.

4- Memmert West Germany

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

The following tables give the obtained results representing the samples Delivered by your company.





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Compressive Strength Test according to ASTM C579

on a Sample of TRI-SHOTCRETE Pro.date 31/3/2022

Delivered from Tri-Chem Construction Chemicals

No.	Compressive St. (N/mm ²)
1	25.61
2	27.47
3	27.32
The mean value	26.8

A. A. Abdelhakeem
التحاليل والخدمات العلمية المركزية





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This report was given to you representing only the results for the testing Sample of TRI-SHOTCRETE Pro.date 31/3/2022 , 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.

These results up resent only the delivered sample and not any stored or produced quantities for any other purpose or project , Unauthorized reproduction of this report or any copy of it by any way or for any target is prohibited.

**Head of Director of The Board of Central Department
for Scientific Analysis and Tests**

&

SUPERVISOR OF Material Test Lab

PROF.DR. MOSTAFA ZAKI MOSTAFA

