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

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

Test Report

Report No.	***MO1 9926 06 2026***
Client	***CHEMA FOAM CO.***
Authority & date	*Request Orders 4/6/2026*
Items Tested	***CHEMA FOAM CRETE***
Results	*The detailed test results are given on the following pages of this report (3 pages) .*
Report Typist	**** Mis. Naglaa Mohamed-Sara Abdel Reheam Noha Samir***
Test carried by	**** 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	*8/6/2026*
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 و فاكس ٣٣٣٨٧٨٠٣
داخلى ١٨١٠ ١٤٢٤
٣٣٣٧١٦١٥-٣٣٣٧١٣٦٢
٣٧٦٠٧٥٤١-٣٣٣٥٥١٩٢
E-mail : nrc1302a@yahoo.com

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To / CHEMA FOAM CO.

Dear Sir.,

With correspondence to your request dated 4/6/2026 concerning the testing samples of CHEMA FOAM CRETE , We would like to inform you that the all following needed tests were carried out which namely:

1- Compressive strength test according to EN 12390-3

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 – Made In Italy Universal Testing Machine was used This type 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- All used Machineries and apparatuses were calibrated periodically

The following tables give the obtained results representing the sample delivered from your company .

Compressive strength test according to EN 12390-3

No.	Compressive strength (Kg/cm2)	Compressive strength (N/mm2)
1	186.21	18.261
2	216.74	21.255

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This report was given to you representing only the results for the testing sample of CHEMA FOAM CRETE , Delivered from CHEMA FOAM CO., 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 Depertment for Scientifical Analysis and Tests
&
SUPERVISOR OF CERAMICS, POLYMER AND SOLID MATTER DEPARTMENT

PROF.DR. MOSTAFA ZAKI MOSTAFA

شارع التحرير - الدقى - القاهرة
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