

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

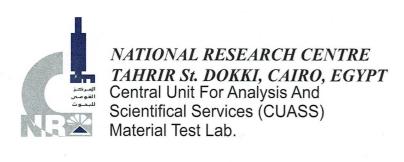
المركز القومى للبحوث

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



Test Report

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Report No.	MO1 4515 12 2020	
Client	Tri-chem Construction chemicals	
Authority & date	Request Orders Date 13/12/2020	
Items Tested	Tri- Seal 307 Elastic	
Results	The detailed test results are given on the following pages of this report (4 pages)	
Report Typist	* Mis. Naglaa Mohamed-Sara Abdel Reheam	
Test carried	* Mis. Fatma El – Zahraa Fikry	
and supervised by	* H.Eng. Ahmed Said	
	* Chem. Amr El Shafey	
	* Dr. Abou El Ftouh Abd El Hakem	
Authorized by	Prof. Dr. Mostafa Zaki Mostafa	
M 13	* The Supervisor of Ceramics, Polymer and	
Must be and	Solid Matter Department.	
(3)	Management Representative and Quality	
The state of the s	Assurance Manager.	
Issue date distribution	3/2/2021	
Condition of Test	The test speciemen was conditioned at 23 °C	
& Issue	with a humidity of 60 % and the needed	
	caliberations as well as balancing of the all	
	used machines were always done.	





To / Tri-chem Construction chemicals

Dear Sir.,

With correspondence to your request dated 13/12/2020 concerning the sample of Tri- Seal 307 Elastic, We would like to inform you that the all following needed test were carried out which namely:-

- 1- Water permeability test according to CRD C48.
- 2- Elongation test according to ASTM C307

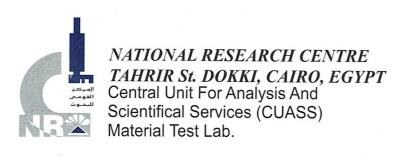
We would like to inform you that the all needed tests were carried out taking into consideration the following conditions:

- 1- In all mechanical properties GALDABINI QUASAR 600 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 ± 0.01 mm was used for dimensions evaluation.
- 3-Weighing Balance with tolerance + 0.0001 g was used in determining the weights
- 4- The all used Machinery and the apparatus were calibrated periodically.

The following table gives the obtained results representing the sample applied by your company.



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Test results on a sample of Seal 307 Elastic

Delivered from Tri-chem Construction chemicals

1- Water permeability test according to CRD C48

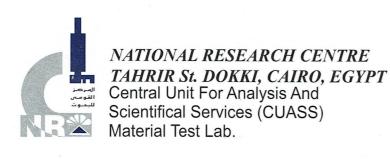
2- Elongation test according to ASTM C307

No.	Flexural strength (%)	Mean (%)
1	22.17	
2	19.36	20.18
3	19.01	



^{*} The sample un permeable to water pressure up to 3 bar.

^{*} The sample un permeable to water pressure up to 1 bar in negative direction.



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This report was given to you representing only the results for the sample of Tri- Seal 307 Elastic, Delivered from Tri-chem Construction chemicals, These results and conclusions were given to you without any responsibility on THE CERAMICS, POLYMERS AND SOLID MATTER DEP. THE MATERIAL TEST LAB THE NATIONAL in 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 3 OF CERAMICS, POLYMER AND SOLID MATTER DEPARTMENT

