

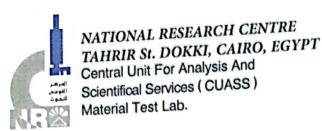
# Test Report

Report No.	MO1 8891 07 2022			
Client	Tri-chem Construction chemicals			
Authority & date	Request Orders 4/7/2022			
Items Tested	Tri coat 700			
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 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			
A DATIS	* The Supervisor of ceramics, Polymer and Solid Matter Department.			
22	* Management Representative and Quality			
المحالة العاملة المرعني	Assurance Manager.			
Issue date	11/8/2022			
Condition of Test	The test speciemen was conditioned at 23 °C			
& Issue	with a humidity of 60 % and the needed			
	calibrations as well as balancing of the all			
	used machines were always done .			

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مباشر های ۳۳۳۸۷۸۰۳ داخلی ۱۸۱۰







## TO/Tri-chem Construction chemicals

Dear Sir.,

With correspondence to your request dated 13/4/2022 concerning the testing sample of Tri coat 700 , We would like to inform you that the all following needed tests were carried out which namely:

- 1- UV resistance test according to ASTM G154
- 2- Chemical resistance test at 23°C for 48hrs according to ASTM C267

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

1- Accelerated weathering tester model QUV/se made in USA.

2- All used Machineries and apparatuses were calibrated periodically.

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

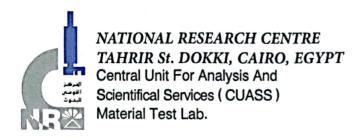
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مباشر داک ۳۳۳۸۷۸۰۳

داخلی ۱۸۱۰

TTTV1710 - TTTV1717





### UV resistance test according to ASTM G154

On a sample of Tri coat 700

#### **Delivered from Tri-chem Construction chemicals**

Exposure time	Exposure temp.	Light source	Irradiance	Results	
(h)	(°C)		(w/m2)	Observation	ΔE
100	60	313nm UV-B cycle 2	0.71	Without any cracks	2.01

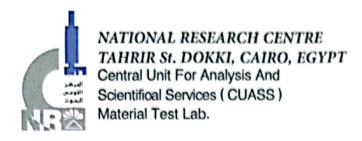
#### Chemical resistance test at 23°C for 48hrs

#### according to ASTM C267

No.	Chemicals	Results
1	Hydrochloric acid 10%	No effect
2	Sulfuric acid 10%	No effect
3	Acetic acid 10%	No effect
4	Sodium hydroxide 50%	No effect
5	Potassium hydroxide 50%	No effect
6	Sodium Chloride 50%	No effect









This report was given to you representing only the results for the testing sample of Tri coat 700, 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. 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 DEPARTMEN

PROF.DR. MOSTAFA-ZAKI MOSTAFA

2002

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TTTV/710 - TTTV/T77

