



TEST REPORT
INITIAL TYPE TESTING
ITT - 15.23 / 05.10.2015

The tests are carried out in compliance with REGULATION (EU) No 305/2011 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 9 March 2011 (CPR) for construction products.

Product: Facade panel Corian® with ventilated facade systems Forte Light

Producer and applicant: "ETEM Bulgaria" AD,
Bulgaria, Sofia, 119A Ilienci blvd

Manufacturing site: "ETEM Bulgaria" AD,
Bulgaria, Sofia, 119A Ilienci blvd

Document for assignment: Contract No 22/2015

System of assessment to conformity: System "3" according to annex ZA of EN 13830:2015

Basic requirements: 4 – Safety and accessibility in use

Test sample: Facade panel Corian® with ventilated Facade System Forte Light with dimensions 979/2538 mm with technical specification according to Annex 1. The test sample is taken by the Applicant from the batch manufactured on 28.04.2015.

Test period: from 28.09.2015 to 30.09.2015

Conclusion: The presented sample of facade panel Corian® with ventilated facade system Forte Light meets the requirements of EN 13830:2015.

Head of Testing Laboratory:
Eng. Tsvetana Gyurova

Head of Institute:
Dr.Eng. Rumen Guglev, prof.



4. Safety and accessibility in use

Testing data:

No	Characteristic	Unit of measurement	Test method	Test result	Requirement according to EN 13830: 2015
1	2	3	4	5	6
1	Resistance of wind load 3500 Pa	-	EN 12179: 2000	No malfunctions	There should be no malfunctions
2	Frontal deflection	mm	EN 12179: 2000		
2.1	- positive pressure 2300 Pa			2,82 ± 0,01	≤ 3,00
2.2	- negative pressure 2300 Pa			2,69 ± 0,01	≤ 3,00
3	Residual deformation	mm	EN 12179: 2000		
3.1	- positive pressure 2300 Pa			0,07 ± 0,01	≤ 1,20
3.2	- negative pressure 2300 Pa			0,06 ± 0,01	≤ 1,20
4	Resistance to soft and heavy body impact with energy of 450 J	-	EN 949: 1998	No malfunctions	There should be no malfunctions
5	Resistance to hard body impact with energy of 14 J	-	EN 950: 1999	No malfunctions	There should be no malfunctions

Technical documentation:

EN 13830:2015 Curtain walling - Product standard
 EN 12179:2000 Curtain walling - Resistance to wind load - Test method
 EN 13116:2001 Curtain walling - Resistance to wind load - Performance requirements
 EN 949:1998 Windows and curtain walling, doors, blinds and shutters - Determination of
 the resistance to soft and heavy body impact for doors
 EN 950:1999 Door leaves - Determination of the resistance to hard body impact

Tests are carried out by
 Eng. Emil Penev

Eng. Boyan Sapunov

Head of Testing Laboratory:

Eng. Tsvetana Gyurova

