

ABRIDGED TEST REPORT No. 323806

(Refers to test report No. 309026/7937/CPR issued by Istituto Giordano S.p.A. on 19/09/2013)

Place and date of issue: Bellaria-Igea Marina - Italy, 17/04/2015

Customer: I PROFILI S.r.l. - Via Altinate, 62 - 35121 PADOVA (PD) - Italy

Date test requested: 07/09/2012

Order number and date: 57393, 10/09/2012

Date sample received: from 07/09/2012 to 08/11/2012

Test date: 26/11/2012

Purpose of test: loading capacity of substructure components for suspended ceilings in accordance with 5.2 of harmonized standard UNI EN 13964:2007

Test site: Istituto Giordano S.p.A. - Via Erbosa, 72 - 47043 Gatteo (FC) - Italy

Sample origin: sampled and supplied by the Customer

Identification of sample received: Nos. 2012/1865/D and 2012/1865/E

Sample name and description*.

The channels under test called "MONTANTE DEFORMABILE 60x27 CONCAV" and "MONTANTE DEFORMABILE 60x27 CONVEX" ("CONCAVE 60x27 FLEXIBLE RUNNER" and "CONVEX 60x27 FLEXIBLE RUNNER"), comprise 10 sections of runner made from galvanised-steel channel of nominal thickness 0,6 mm used for horizontal and vertical installations of plasterboard. More specifically, the runner called "MONTANTE DEFORMABILE 60x27 CONCAV" is used for concave plasterboard structures, whilst "MONTANTE DEFORMABILE 60x27 CONVEX" is used for convex plasterboard structures. The difference between the two channels is the direction of the triangular slot on the back of the steel runner

Test results.

In accordance with the test performed, the results obtained and the provisions of standard UNI EN 13964:2007, the test sample has the performance characteristics specified in the following table.

Section	Deflection class**	Stiffness "EI" [N/mm ²]	Admissible bending moment "admMf" [N · m]	Admissible bending moment related to the ultimate load "admMu"*** [N · m]
"MONTANTE DEFORMABILE 60x27 CONCAV"	1	$9,22 \cdot 10^8$	44,3	41,9
	2	$9,52 \cdot 10^8$	76,1	
"MONTANTE DEFORMABILE 60x27 CONVEX"	1	$7,98 \cdot 10^8$	38,3	38,0
	2	$7,73 \cdot 10^8$	61,8	

(**) table 6 of standard UNI EN 13964:2007.

(***) in accordance with 5.2.3 "Assessment of results" of standard UNI EN 13964:2007, the lower value of "admMf" and "admMu" shall be used as the definitive value "admM"; in this case it is "admMu".

For details about sample description, normative references, test methods, test equipment, individual test results and everything else necessary for the identification of the work carried out, please see test report No. 309026/7937/CPR issued by this Institute on 19/09/2013.

(*) according to that stated by the Customer

Test Technician:

Dott. Ing. Paolo Bertini

Head of Security and Safety Laboratory:

Dott. Andrea Bruschi

Chief Executive Officer

(Dott. Arch. Sara Lorenza Giordano)



Comp. AV
Revis. PB

This abridged test report consists of 1 sheets.
This document is the English translation of the abridged test report No. 323806 dated 17/04/2015 issued in Italian; in case of dispute the only valid version is the Italian one. Date of translation: 20/04/2015.

Sheet
1 of 1