

TEST REPORT No. 308460

Place and date of issue: Bellaria-Igea Marina - Italy, 30/08/2013

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: 02/08/2013

Test date: 02/08/2013

Purpose of test: Tensile testing machine in accordance with standard UNI EN ISO 6892-1:2009 with reference to standard UNI EN 14195:2005

Test site: Istituto Giordano S.p.A. - Via Erbosa, 74 - 47043 Gatteo (FC) - Italy

Sample origin: sampled and supplied by the Customer

Identification of sample received: No. 2013/1619

Description of sample*

The test sample comprises 1 cold-formed DX51D galvanised-steel section of nominal thickness 0,6 mm. This material is used by the Customer to manufacture the product called "Guida deformabile 100".

Normative References

The test was carried out in accordance with the requirements of the following standards:

- UNI EN 14195:2005 dated 01/07/2005 "Componenti di intelaiature metalliche per sistemi a pannelli di gesso - Definizioni, requisiti e metodi di prova" (*"Metal framing components for gypsum plasterboard systems - Definitions, requirements and test methods"*);
- UNI EN 10346:2009 dated 11/06/2009 "Prodotti piani di acciaio rivestiti per immersione a caldo in continuo - Condizioni tecniche di fornitura" (*"Continuously hot-dip coated steel flat products - Technical delivery conditions"*);
- UNI EN ISO 6892-1:2009 dated 08/10/2009 "Materiali metallici - Prova di trazione - Parte 1: Metodo di prova a temperatura ambiente" (*"Metallic materials - Tensile testing - Part 1: Method of test at room temperature"*).

(*) according to that stated by the Customer.

Comp. AV
Revis. MI

This test report consists of 2 sheets.
This document is the English translation of the test report No. 308460 dated 30/08/2013 issued in Italian.
Date of translation: 06/09/2013.

Sheet
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Test results

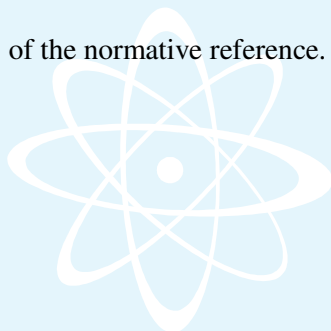
Test piece ID	Dimensions* [mm]	Area [mm ²]	Elongation after fracture A ₈₀ [%]	Upper yield strength R _e [N/mm ²]	Tensile strength R _m [N/mm ²]
100-A	0,58 × 20,34	11,80	31,0	362	421
100-B	0,57 × 20,38	11,62	32,2	371	427
100-C	0,58 × 20,35	11,80	30,7	365	425

(*) Test piece thickness does not include the zinc coating.

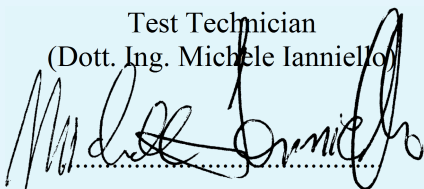
Note: Test carried out with universal testing machine using method A (strain rate control).

Findings

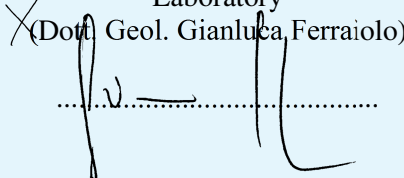
The test results meet the requirements of the normative reference.



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