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TESTING CENTER FOR CONSTRUCTION (ICS)
at Building Research Institute (NISI) Ltd.

Laboratory: "Concrete, reinforcement, construction materials and products"

TEST REPORT
№ 832-1-610/26.10.2017

Product: **4,8 x L screws for metal sheets end profiles, selfdrilling up** 2 x 1,25 mm,

Applicant: BAUFIX Bulgaria OOD
23 Levski G complex,
Sofia,Bulgaria
Application form from 24.10.2017

Test methods:
БДС EN ISO 6892-1:2016 „Metallic materials - Tensile testing - Part 1: Method of test at room temperature (ISO 6892-1:2016)"
БДС 6372:1986 „Metallic materials. Shear force testing"

Date of receiving of the sample: № 832/24.10.2017

Test samples: 18 pcs, taken and provided by the Applicant.

Test period: 24.10.2017 – 26.10.2017

Manager of ICS:
Res.Ass.Eng. Tsvetana Gyurova

The results relate only to the tested samples.
Extracts of the test report may not be reproduced without written consent of the Building Testing Center at NISI-Ltd.

Test results:

No	Characteristic	Unit of measu-rement	Test method	№ of the sample	Test result [1)]	Require-ment accor-ding [2)]	Test conditions	Deviations for the test method
1	2	3	4	5	6	7	8	9
1.	**Tensile breaking force**	N	БДС EN ISO 6892-1:2016	610	**13200**	**≥ 11000**	(23 ± 2)°C (55 ± 5)% RH	n/a
2.	**Cut shear force**	N	БДС 6372:1986		**7050**	**≥ 7000**		
3.	**Pull out force of sheet metal with thickness:** - **0,50 mm** - **0,75 mm** - **0,88 mm** - **1,25 mm**	N	БДС EN ISO 6892-1:2016		 **800** **1180** **1240** **1480**	 **≥ 700** **≥ 1000** **≥ 1100** **≥ 1400**		

1) The results represent the average result from many tests and measurements.
2) This value is declared by the Producer.

Tests are carried out by:
Y.Yordanov

Head of the Laboratory:
Res.Ass.Eng.Emil Penev

Manager of ICS:
Res.Ass.Eng. Tsvetana Gyurova