


Test Report

SHOWER SEAT FOR HORIZ. TRACK WITH
BACKREST/ARMREST, HEIGHT/SIDEWAYS
ADJUST.
(31-142-*)

<p>Issue 08/08/2016</p>	<p>Approval </p>
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§1 – Producer:

Company name:	Address:
Profilo Smart Ltd.	GEC, Taylor's Lane, D08, Dublin, Ireland

§ 2 – Product Details

Article Code	Description
31-142-*	Shower seat for horiz. track, with armrest/backrest

§ 3 – Product Description

The seat, backrest and armrests height adjustable for horizontal track is a seat which can be mounted on a horizontal track with an adjustable height of 340 mm on the vertical track. Also the backrest and armrests, with locking system, have an adjustable height of 340 mm on the vertical track. It's an aluminium and plastic seat with anodized aluminium finishing. The plastic colour can be red, blue, white, black or grey.

§ 4 – Classification

This article belongs to class I of the medical devices since it is not invasive and not active.

§ 5 – Norms and technical specs. Applied to the design.

Norm/Specs	Description	Ed./
EN 14971	Medical devices - risk analysis	2012
EN 12182	Technical aids for disabled persons - General requirements and test methods	2012

§ 6 – Test Report

AIM

Test the maximum loading weight.

EVALUATION METHODS

Place the support system in the position it uses less favorable among those planned. Apply to the surface of support in the most unfavorable load test corresponding to 1.5 times the maximum rated load provided by the manufacturer (including any accessories) with a tolerance of +5/-0%, so as to ensure that the load dynamic is negligible.

Keep the test load applied for a time between 60 and 70 seconds.

Remove the test load and verify whether the aid was damaged and if it works in satisfactorily.

NORMAL SETTING

The seat is mounted on the vertical track, which is mounted on the horizontal track. The horizontal track is mounted on the wall at 1 mt from the floor. The seat is locked at the top of the vertical track.

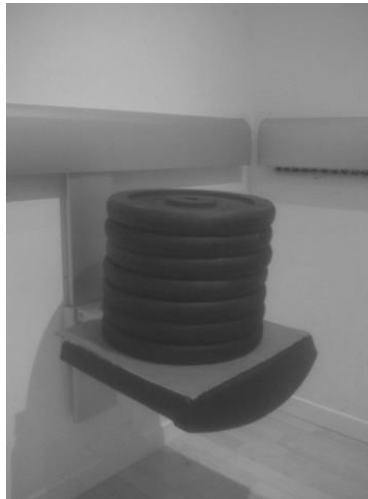
TEST PROCEDURE SEAT UNIT

Apply the weight on the front part of the seat and keep it for 70 seconds, then remove it and check the deformation or breakage of the seat.

RESULTS

Test n° 1

Weight	Deformation / Breakage	equipment
140 kg.	None	perfectly



Test n° 2

Weight	Deformation / Breakage	equipment
200 kg.	None	perfectly



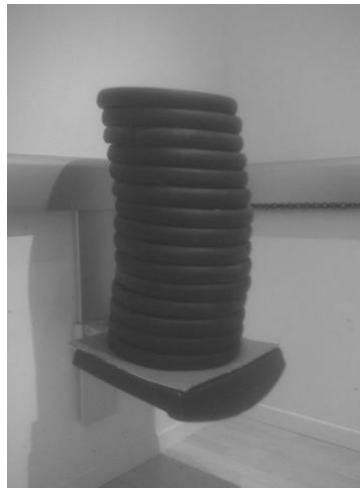
Test n° 3

Weight	Deformation / Breakage	equipment
240 kg.	None	perfectly



Test n° 4

Weight	Deformation / Breakage	equipment
300 kg.	None	perfectly



After the test, remove the weight.

Test n° 6

Weight	Deformation / Breakage	equipment
0 kg.	The seat returns to the initial position.	perfectly

TEST PROCEDURE BACKREST AND ARMRESTS

Apply the weight on the armrests and keep it for 70 seconds, then remove it and check the deformation or breakage of the armrests.

RESULTS

Test n° 1

Weight	Deformation / Breakage	equipment
20 kg.	None	perfectly



Test n° 2

Weight	Deformation / Breakage	equipment
40 kg.	None	perfectly



Test n° 3

Weight	Deformation / Breakage	equipment
80 kg.	None	perfectly



After the test, remove the weight.

Test n° 4

Weight	Deformation / Breakage	equipment
0 kg.	The armrests return to the initial position.	perfectly