

Card No 1 – 38b/14/S
Strength test. Furniture for seating

Name and symbol of furniture type: VV 923 VOO VOO 923 office bench
Weight of furniture in N: 965
Dimensions in mm: height – 1310
length – 2230
depth – 820

Method: PN-EN 1728:2012

Requirements: PN-EN 16139:2013 – level 1

| Standard point | Type of test | Test parameters | Test result |
|----------------|---|--|-------------|
| 6.4 | Seat and backrest static load test | Vertical force on seat 1600 N 10 cycles Force perpendicular to backrest 560 N 10 cycles | Positive |
| 6.5 | Front seat edge static load test | Vertical force on seat 1300 N 10 cycles | Positive |
| 6.6 | Backrest static load test with downward vertical force | Vertical force 600 N 10 cycles | Positive |
| 6.7 | Backrest static load test with forward horizontal force | Horizontal force 450 N 10 cycles | Positive |
| 6.9 | Front seat edge strength test | Vertical force on seat 950 N 150,000 cycles | Positive |
| 6.10 | Armrest outward static load test | Horizontal force 400 N 10 cycles | Positive |
| 6.17 | Seat and backrest fatigue test | Vertical force on seat 1000 N Force perpendicular to backrest 300 N 100,000 cycles | Positive |
| 6.18 | Font seat edge fatigue test | Vertical force on seat 800 N 50,000 cycles | Positive |
| 6.24 | Seat impact test | Drop height 240 mm 10 cycles | Positive |
| 6.25 | Backrest impact test | Drop height 210 mm 10 cycles | Positive |

Tests carried out by:

Karol Labęda, MSc Eng. *[Illegible signature]*
Robert Kłos, PhD Eng. *[Illegible signature]*

Card No 2 – 38b/14/S
Stability test. Furniture for seating

Name and symbol of furniture type: VV 923 VOO VOO 923 office bench
Height of seat in mm: 405

Method and requirements: PN-EN 1022:2007

| Standard point | Type of test | Test parameters | Test result |
|-----------------------|--|---|--------------------|
| 6.2 | Forward overbalancing, all furniture for seating | Vertical force 600 N Horizontal force 20 N 5 sec | Positive |
| 6.4 | Sideward overbalancing, all furniture for seating without armrests | Vertical force 600 N Horizontal force 20 N 5 sec | Positive |
| 6.6 | Backward overbalancing, all furniture for seating with backrests | Vertical force 600 N Horizontal force 170 N 5 sec | Positive |

Tests carried out by:

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