

Card No 1 – 27b/13/S
Strength test. Furniture for seating

Name and symbol of furniture type: Penta PN PO1050+PN SC600
Weight of furniture in N: 515

Method: PN-EN 1728:2012

Requirements: PN-EN 12520:2010, PN-EN 15373:2010 – level 2

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 1600 N 10 cycles	Positive
6.6	Backrest static load test with downward vertical force	Vertical force 500 N 10 cycles	Positive
6.7	Backrest static load test with forward horizontal force	Horizontal force 450 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	Front seat edge fatigue test	Vertical force on seat 1000 N 50,000 cycles	Positive
6.24	Seat impact test	Drop height 240 mm 10 cycles	Positive
6.25	Backrest impact test	Drop height 330 mm 10 cycles	Positive
6.27	Drop resistance test	Drop height 300 mm 10 cycles	Positive

Tests carried out by:

Karol Łabęda, MSc Eng. *[Illegible signature]*

Robert Kłos, PhD Eng. *[Illegible signature]*

Card No 2 – 27b/13/S
Stability test. Furniture for seating

Name and symbol of furniture type: Penta PN PO1050+PN SC600

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 armrests	Vertical force 600 N Horizontal force 157 N 5 sec	Positive

Tests carried out by:

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