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**GRATNELLS INTERNATIONAL,
UNIPESSOAL LDA**
Estrada do Vale da Rosa
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1º Andar Dto.
2910-845 Setúbal
Portugal

Our Ref: CA-112361-S1
Date: 03 March 2026
Delivery Date: 03 February 2026
Test Dates: 16 February - 26 February 2026

For the attention of Hugo Baptista

SAMPLE(S) SUBMITTED FOR TEST AND IDENTIFIED BY CUSTOMER AS:

One, My Base Tray Unit

TEST(S) AS REQUESTED BY CUSTOMER:

RESULT:

BS EN 16121: 2023 Test Level 2

Pass^

^Excluding Clauses 11.6 & 6.4.3 Castor Testing.

Technical report references marked * indicate this report is supplementary to the previous report with the same reference.

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When a statement of conformity to a test standard is reported the test result(s) are unlikely to be the "true" result(s) due to measurement uncertainty. When the sample is tested under the criteria and conditions as defined in the method and the measured result is outside of the upper/lower acceptance limit and corrected for uncertainty at 95% probability, the risk of a false accept/reject is ≤2.5%. These results will be reported as Pass/Fail. If the test result(s) obtained under the same conditions is close to the upper/lower acceptance limit and could be either side of the accept/reject threshold these results will be reported with a conformance probability.



FIRA International
Registered office: 3rdFloor Davidson Building
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London, UK, WC2E 7HA
Registered in England No: 03181481

TECHNICAL REPORT

DESCRIPTION

Item: My Base Tray Unit
Supplied by: **GRATNELLS INTERNATIONAL, UNIPESSOAL LDA**
Assembled by: FIRA
Number of Photos: Seven
Overall Dimensions: 930mm High x 520mm Wide x 560mm Deep

| ITEM | DESCRIPTION |
|-------------------------------|--|
| Material/Thickness | 18mm Thick Plywood – Work Surface |
| Number/Description of Shelves | 1x Fixed Tray – 1mm Thick Folded Metal |
| Number/Description of Doors | 1x Door |
| Hinge Type/Opening Angle | Piano Style |
| Door Dimension/Material | 310mm W. x 200mm H. x 18mm T. Plywood |
| Number/Description of Drawers | 2x Trays (1x Large & 1x Small) |
| Runner Type | Plastic Side Rails |
| Runner Extension | 270mm approx. |
| Drawer Materials | 2.5mm Thick Moulded Plastic |
| Number/Description of Legs | 4x Plastic Castors |
| Other Information | 1x Lock & Key Mechanism |

All dimensions are approximate.

PRECONDITIONING AND MOISTURE CONTENT

FIRA International cannot validate date of manufacture and therefore it is assumed that at least 4 weeks has elapsed between date of manufacture and delivery to FIRA.

Unless otherwise stated on the first page of this report the sample was stored in indoor ambient conditions for at least the minimum duration as required by this standard prior to test.

Wherever possible timber moisture content is verified prior to test. Where this is not possible the moisture content is assumed to be in the range 8 – 12 %.



TECHNICAL REPORT

BS EN 16121: 2023 – Non-Domestic Storage Furniture – Requirements for Safety, Strength, Durability and Stability

The tests required were carried out in accordance with the standard. Where applicable details of the loads applied, and their positions of application are retained at FIRA International and are available on request.

Item: My Base Tray Unit

Initial Inspection: No apparent faults

| Clause | Test | Result |
|--------|---|--------|
| 5.2 | General Safety Requirements (Clause Ref: BS EN 16121: 2023) | |
| | Accessible parts are rounded or chamfered. | Pass |
| | All other edges are free from burrs and sharp edges. | Pass |
| | Feet of tubular components shall be capped or otherwise closed. | Pass |
| | Movable and adjustable parts shall be designed so that injuries and inadvertent operation are avoided. | Pass |
| | It shall not be possible for any load bearing part of the seating to come loose unintentionally. | Pass |
| | All parts which are lubricated to assist sliding shall be designed to protect users from lubricant stains when in normal use. | N/A |
| | Roll fronts and sliding doors sliding vertically. | N/A |
| | Avoid pinching points for feet. | N/A |
| | Extension elements and trays open stops. | N/A |
| | External vertical glass \leq 900 mm. | N/A |
| 5.3 | Holes in tubular/rigid components. | Pass |
| 5.4.1 | Shear and compression points when setting up and folding. | N/A |
| 5.4.2 | Shear and compression points under influence of powered mechanism. | N/A |
| 5.4.3 | Shear and compression points during use. | Pass |
| 5.5 | Hinged horizontal lids. | N/A |
| 5.6 | Vertical glass component | N/A |

In extreme weather conditions the ambient test temperature and/or humidity may fall outside the requirements of the standard. Such changes have not been shown to affect the validity of the results. Details of the ambient conditions at time of test are available on request.



TECHNICAL REPORT

BS EN 16121: 2023 – Non-Domestic Storage Furniture – Requirements for Safety, Strength, Durability and Stability

The tests required were carried out in accordance with the standard. Where applicable details of the loads applied, and their positions of application are retained at FIRA International and are available on request.

Item: My Base Tray Unit

Initial Inspection: No apparent faults

| Clause | Test | Result |
|--------|---|------------|
| 5.7 | Stability (Clause Ref: EN 16122: 2012) | |
| 11.2.1 | Doors, extension elements and flaps closed, unit unloaded ($\leq 1000\text{mm}$). | Pass |
| 11.2.2 | Doors, extension elements and flaps closed, unit unloaded ($> 1000\text{mm}$). | N/A |
| 11.4.1 | Doors, extension elements and flaps opened. | Pass |
| 11.4.2 | All storage areas unloaded with overturning load. | Pass |
| 11.4.3 | All storage areas loaded with overturning load. | Pass |
| 11.5 | Doors, extension elements and flaps locked (loaded). | Pass |
| 11.6 | Dynamic stability for units with castors. | Not Tested |

| Clause | Test | Result |
|--------|---|--------|
| 7 | Information for Use (Clause Ref: BS EN 16121: 2023) | |
| a | Information regarding the intended use. | Pass |
| b | Assembly instructions, where applicable. | Pass |
| c | Instructions for care and maintenance of the storage furniture, where applicable. | Pass |

Not Tested: Not offered by FIRA.

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TECHNICAL REPORT

BS EN 16121: 2023 – Non-Domestic Storage Furniture – Requirements for Safety, Strength, Durability and Stability

The tests required were carried out in accordance with the standard. Where applicable details of the loads applied, and their positions of application are retained at FIRA International and are available on request.

Item: My Base Tray Unit

Initial Inspection: No apparent faults

| Clause | Test | Result |
|--------|---|------------|
| 5.8 | Structural Safety (Clause Ref: BS EN 16122: 2012) | |
| 6.2.2 | Static load test for tops and bottoms. | Pass |
| 6.1.2 | Shelf retention (horizontal outward). | N/A |
| 6.1.3 | Shelf retention (vertical downward). | N/A |
| 6.1.5 | Strength of shelf supports – Other. | N/A |
| 6.1.5 | Strength of shelf supports – Office, libraries, barracks. | N/A |
| 7.1.2 | Vertical load of pivoted doors. | Pass |
| 7.1.3 | Horizontal load of pivoted doors. | N/A |
| 7.3.1 | Strength of bottom hinged flaps. | N/A |
| 7.5.2 | Strength of extension elements. | Pass |
| 7.5.4 | Slam open and shut of extension elements. | Pass |
| 7.5.6 | Interlock test. | N/A |
| 6.4.1 | Strength of carcass and underframe. | Pass |
| 6.4.3 | Test for unit with castors or wheels. | Not Tested |
| 10.1.3 | Overload. | N/A |
| 10.1.4 | Dislodgement test. | N/A |
| 10.2 | Floor standing units. | N/A |

Not Tested: Not offered by FIRA.

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TECHNICAL REPORT

BS EN 16121: 2023 – Non-Domestic Storage Furniture – Requirements for Safety, Strength, Durability and Stability

The tests required were carried out in accordance with the standard. Where applicable details of the loads applied, and their positions of application are retained at FIRA International and are available on request.

Item: My Base Tray Unit

Initial Inspection: No apparent faults

| Clause | Test | Result |
|--------|---|--------|
| 6.1 | Strength and Durability (Clause Ref: BS EN 16122: 2012) | |
| 6.3.1 | Strength of clothes rail supports. | N/A |
| 9.1 | Strength of coat hooks. | N/A |
| 7.1.5 | Durability of pivoted doors. | Pass |
| 7.1.4 | Slam shut of pivoted doors. | Pass |
| 7.2.2 | Slam shut/open of sliding doors and horizontal roll fronts. | N/A |
| 7.2.3 | Durability of sliding doors. | N/A |
| 7.2.3 | Durability of horizontal roll fronts. | N/A |
| 7.3.2 | Durability of flaps. | N/A |
| 7.4.2 | Durability of vertical roll fronts. | N/A |
| 7.5.3 | Durability of extension elements. | N/A |
| 7.5.3 | Durability of trays. | Pass |
| 7.5.4 | Slam open and shut of extension elements. | Pass |
| 7.5.5 | Displacement of extension element bottoms. | N/A |
| 7.6.2 | Strength of locking and latching mechanisms (extension elements). | N/A |
| 7.6.3 | Strength of locking and latching mechanisms (doors, flaps and roll fronts). | Pass |
| 6.1.4 | Deflection of shelves. | N/A |
| 6.3.2 | Dislodgement of clothes rails. | N/A |
| 8.3 | Drop test for trays. | Pass |
| 8.2 | Sustained load test for trays. | Pass |

In extreme weather conditions the ambient test temperature and/or humidity may fall outside the requirements of the standard. Such changes have not been shown to affect the validity of the results. Details of the ambient conditions at time of test are available on request.



TECHNICAL REPORT

BS EN 16121: 2023 – Non-Domestic Storage Furniture – Requirements for Safety, Strength, Durability and Stability

The tests required were carried out in accordance with the standard. Where applicable details of the loads applied, and their positions of application are retained at FIRA International and are available on request.

Item: My Base Tray Unit

Initial Inspection: No apparent faults

| Clause | Test | Result |
|--------|--|--------|
| 5.2 | ANNEX B – Requirements for Schools, Kindergartens and Similar Applications (Clause Ref: BS EN 16121: 2023 ANNEX B) | |
| B.2.1 | Sheer and compression points. | Pass |
| B.2.2 | Principles of safety requirements. | Pass |
| B.2.3 | General safety requirements. | Pass |
| B.2.4 | Glass. | N/A |
| B.2.5 | Stability. | Pass |
| B.2.6 | Strength and durability – drop test for trays. | Pass |
| B.3.1 | Finger entrapment. | Pass |
| B.3.2 | Sheer and compression points under the influence of powered mechanisms. | N/A |
| B.3.3 | Sheer and compression points during use. | Pass |

In extreme weather conditions the ambient test temperature and/or humidity may fall outside the requirements of the standard. Such changes have not been shown to affect the validity of the results. Details of the ambient conditions at time of test are available on request.



TECHNICAL REPORT

CALCULATION DETAILS

| | Average Shelf Load | | | LOAD Kg |
|---------------|--------------------|-------|-------------------------|------------|
| | Width | Depth | Kg/dm ² | |
| Top | 520mm | 565mm | 0.325Kg/dm ² | 10 |
| Fixed Tray | 310mm | 365mm | 0.325Kg/dm ² | 4 |
| Cupboard Base | 320mm | 370mm | 0.325Kg/dm ² | 4 |

| | Average Drawer Load | | | | LOAD Kg |
|------------|---------------------|-------|--------|-----------------------|------------|
| | Width | Depth | Height | Kg/dm ³ | |
| Small Tray | 280mm | 340mm | 85mm | 1.0Kg/dm ³ | 8 |
| Large Tray | 280mm | 340mm | 165mm | 1.0Kg/dm ³ | 16 |

| | Max Drawer Load | | | | LOAD Kg |
|------------|-----------------|-------|--------|-----------------------|------------|
| | Width | Depth | Height | Kg/dm ³ | |
| Small Tray | 280mm | 340mm | 85mm | 0.2Kg/dm ³ | 2 |
| Large Tray | 280mm | 340mm | 165mm | 0.2Kg/dm ³ | 3 |

CONCLUSION

The My Base Tray Unit, as previously described, successfully satisfied the applicable test requirements of BS EN 16121: 2023 Test Level 2 – Excluding Clauses 11.6 & 6.4.3 Castor Testing.

Tested by: J Moore

Reported by: B Southam

Approved by: P Soley

Laboratory Manager – Testing Services



TECHNICAL REPORT



Photo 1 - My Base Tray Unit



Photo 2 - My Base Tray Unit



Photo 3 - My Base Tray Unit



Photo 4 - My Base Tray Unit

TECHNICAL REPORT

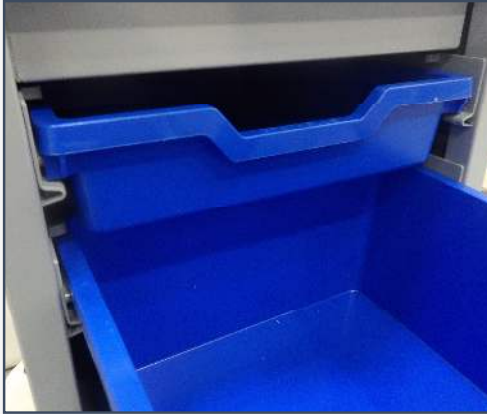


Photo 5 - My Base Tray Unit



Photo 6 - My Base Tray Unit



Photo 7 - My Base Tray Unit

*****End of Report*****