Product Data Sheet

Oxford rack

Product Description

Introducing our innovative metal storage racks, designed for maximum flexibility and efficiency. These racks can be easily divided into any number of shelves, allowing you to customize your storage solution according to your needs.

Key Features

- *Modular Design*: The racks can be connected or separated to fit various storage space requirements, adapting to your available area.

- *Easy Assembly*: With a user-friendly design, these racks are simple to assemble and disassemble, making reorganization effortless.

- *Durable Capacity*: Each shelf can support up to 80 kg, ensuring robust storage for your items.

- * ACCESSORIES*: Labels , number tag , book ends , LED light strip Mounted on the top

- All end panels are provided with adjustable feet that can be adjusted even when the system is loaded.

Enhance your storage capabilities with our adaptable and sturdy metal racks, perfect for any environment.

Types and design: -

There are two basic types of racks.

1- Single rack.
2- Double rack.

Dimension:

 - for single rack

Option 1

-h: 2029 mm.   - W: 996mm. - D: 300 mm.

Option 2

-h: 2040 mm.   - W: 1070 mm. - D: 380 mm.

- for double rack –

h: 2029 mm.   - W: 996mm. - D: 608mm.

-**Privacy Features**: can change all dimensions according to current place.

Materials

1-rack side: consist of 1.5 mm steel sheet According to European standard EN 10131.

2-rack shelf:

option 1

consist of 0.7 mm steel sheet According to European standard EN 10131.

option 2

consist of 0.9 mm steel sheet According to European standard EN 10131.

3-side Horizontal Beams: 40 mm x 20 mm x 1.5 mm cold-rolled steel According to European standard EN 10204, connected to rack side.

4- front Horizontal Beams: 40mm x 20 mm x 1.5 mm cold-rolled steel According to European standard EN 10204, connecting the two sides of rack together.

5-cladding (side /top):

Option 1

  - Melamine MDF-E1 According to European standard EN 13986 Density EN 323 780 ± 5% Kg/m3 18 mm thick, (Medium Density Fiberboard).

Option 2

Medium-Density Fiberboard (MDF) - Raw / Melamine:
MDF Thickness tolerances: Here the thickness expresses the total thickness of the raw Chip board and the coatings of both surfaces of the board. Resistance to scratching: Does not include the pearlescent surface treatment. Color matching and surface texture: A slight deviation of color and / or surface texture according to Rating4 EN14323 between the test sample and Kastamonu reference sample. TOLERANCES ON NOMINAL DIMENSIONS*1-THICKNESS COMPARED TO RATED VALUES-THICKNESS t RELATIVE TO NOMINAL VALUE EN 14323 mm tmax - tmin ≤ 0,6 LENGTH AND WIDTH EN 14323 mm ± 5 EDGE DAMAGE EN 14323 mm ≤ 10 SURFACE DEFECTS EN 14323 mm²/m² points ≤ 2 SURFACE DEFECTS EN 14323 mm/m² line ≤ 20 RESISTANCE TO SCRATCHING*2 EN 14323 N ≥ 1,5 RESISTANCE TO CRACKING EN 14323 Rating ≥ 3 RESISTANCE TO STAINING EN 14323 Rating ≥ 3 RESISTANCE TO ABRASION EN 14323 Revolution Pattern Class 1 < 50 Plain Class 3A ≥ 150 EN 12460-3 mg /m²h E1 for ≤ 3,5 E2 for 3,5 < release ≤ 8 FORMALDEHYDE RELEASE EN 717-1 mg/m³ air E1 for ≤ 0,124 E2 for ≥ 0,124

6-Wood Material

Option1

Constructed from melamine MDF-E1 According to European standard EN 13986 Density EN 323 780 ± 5% Kg/m3 or chipboard Tricolored S5 (CARB FASE 2) Density EN 323 700 ± 7% Kg/m3 According to Italian national standards   UNI U41101400 with PVC lipping for durability (Medium Density Fiberboard).

Option 2

Medium-Density Fiberboard (MDF) - Raw / Melamine:
MDF Thickness tolerances: Here the thickness expresses the total thickness of the raw Chip board and the coatings of both surfaces of the board. Resistance to scratching: Does not include the pearlescent surface treatment. Color matching and surface texture: A slight deviation of color and / or surface texture according to Rating4 EN14323 between the test sample and Kastamonu reference sample. TOLERANCES ON NOMINAL DIMENSIONS*1-THICKNESS COMPARED TO RATED VALUES-THICKNESS t RELATIVE TO NOMINAL VALUE EN 14323 mm tmax - tmin ≤ 0,6 LENGTH AND WIDTH EN 14323 mm ± 5 EDGE DAMAGE EN 14323 mm ≤ 10 SURFACE DEFECTS EN 14323 mm²/m² points ≤ 2 SURFACE DEFECTS EN 14323 mm/m² line ≤ 20 RESISTANCE TO SCRATCHING*2 EN 14323 N ≥ 1,5 RESISTANCE TO CRACKING EN 14323 Rating ≥ 3 RESISTANCE TO STAINING EN 14323 Rating ≥ 3 RESISTANCE TO ABRASION EN 14323 Revolution Pattern Class 1 < 50 Plain Class 3A ≥ 150 EN 12460-3 mg /m²h E1 for ≤ 3,5 E2 for 3,5 < release ≤ 8 FORMALDEHYDE RELEASE EN 717-1 mg/m³ air E1 for ≤ 0,124 E2 for ≥ 0,124

Coating

- All metal parts coated with epoxy polyester, hybrid system for indoor applications.

Standards for powder coating according to:

Gloss capacity EN-ISO 2813

Impact test EN-ISO 6272

Bend test EN-ISO 1519

Cross cut test EN-ISO 2409

PSD: EN-ISO-13320

Film thickness EN-ISO 2360

All according to European and world standards

Assembly

The rack comes partially unassembled (assembly by mobica team).

Warranty

This product has a one-year limited warranty against manufacturer defects.

Certifications

ISO 9001:2015
Quality management systems —
Requirements

ISO 14001:2015
Environmental management systems —
Requirements with guidance for use

ISO 45001:2018
Occupational health and safety
management systems — Requirements
with guidance for use