

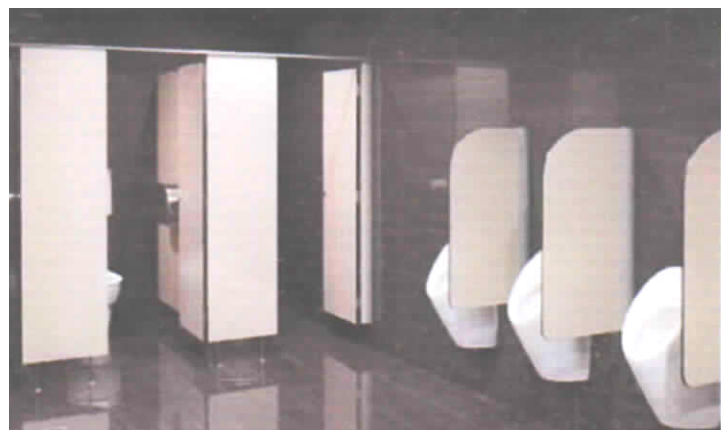
COMPACT BLACK FIBERBOARD

Specially designed to provide innovative architectural solutions for dry and wet areas where high levels of hygiene and durability are requested.

Product can be supplied in raw form or surfaced with melamine papers.

APPLICATIONS

- Decorative shopfitting.
- Toilet and shower partitions.
- Seating and vanity options.
- Lockers.
- Furniture.



TECHNICAL CHARACTERISTICS

- Possibility of production with 0.5 formaldehyde content.
- High resistance to humidity/water.
- Good dimensional stability.
- Chemical resistance.
- Hygienic and easy to clean.
- Impact, scratch and wear-resistant.
- Compliant with international sustainability standards.

| PROPERTIES | TEST METHODS | UNIT | THICKNESS | | | |
|---|-----------------|-------------------|-------------|-------------|-----------------------|--------|
| | | | 7,7 | 11,3 – 12.0 | 18 | 20 |
| Density | EN 323 | Kg/M ³ | 950 | | 880 | 850 |
| Density Tolerance | EN 323 | Kg/M ³ | ± 20 | | | |
| Thickness Tolerance | EN 324-1 | Mm | ± 0.15 | ± 0.20 | ± 0.20 | ± 0.20 |
| Moisture Content | EN 322 | % | 8 ± 3 | | | |
| Linear Expansion | ASTMD 1037 | % | ≤ 1 | | | |
| Bending Strength (MOR) | EN 310 | N/mm ² | ≥ 45 | ≥ 45 | ≥ 45 | ≥ 45 |
| Bending Young's Modulus (MOE) | EN 310 | N/mm ² | ≥ 4000 | ≥ 4000 | ≥ 4000 | ≥ 4000 |
| Bending Strength Under Wet Conditioning | JIS A 5905 | N/mm ² | ≥ 15 | ≥ 15 | ≥ 15 | ≥ 15 |
| Internal Bond | EN 319 | N/mm ² | ≥ 1.20 | ≥ 1.00 | ≥ 0.80 | ≥ 0.80 |
| Wood Screw Holding Power | EN 320 | N | - | - | ≥ 2000 | ≥ 2000 |
| | | | | | For Thickness 15mm Up | Edge |
| Thickness Swelling (after 24 h. immersion) | EN 317 | % | ≤ 1.7 | ≤ 1.5 | ≤ 1.0 | ≤ 0.5 |
| After Boil Test (EN 1087-1) | | | | | | |
| Internal Bond | EN 319 | N | ≤ 0.30 | ≤ 0.20 | ≤ 0.20 | ≤ 0.15 |
| Thickness Swelling After Boiling Test | EN 317 | % | ≤ 30 | ≤ 30 | ≤ 30 | ≤ 30 |
| Dimensional Movement | | | | | | |
| Length / Width | EN 318 | mm | ≤ 1.0 | ≤ 1.0 | ≤ 1.0 | ≤ 1.0 |
| Formaldehyde Content | | | | | | |
| E0 | BS EN ISO 12460 | Mg/100g | ≤ 5 | | | |
| E1 | | | ≤ 8 | | | |
| E2 | | | 8 ≤ PV ≤ 30 | | | |

DIMENSIONS

- Raw: 2440/2750 x 1220/2100 mm.
- Melamine-faced: 2440 x 1830 mm.
- Thicknesses from 7.7 to 20 mm.