

Size : 2800 x 2070 x 18 mm



Physical & Technical Properties

Melamine Impregnated Paper (Only)

| Properties | Test Method | Unit | Value |
|-------------------------------------|-------------------------|---------------------|----------|
| Edge chipping tolerance | SANS 4586-2 | mm | ≤ 5 mm |
| Resistance to surface wear | SANS 4586-2 Clause 6 | cycles | 50 - 100 |
| Resistance to scratching* | SANS 4586-2 Clause 15 | N | ≥ 1.5 |
| Dimensional stability at 20°C | SANS 4586-2 Clause 11 | % | < 0.6 |
| Resistance to cracking | SANS 4586-2 Clause 14 | Grade ^b | ≤ 1 |
| Resistance to cigarette burns | SANS 4586-2 Clause 18 | Rating ^c | ≥ 4 |
| Resistance to dry heat | SANS 4586-2 Clause 8 | Rating ^c | ≥ 4 |
| Resistance to steam | SANS 4586-2 Clause 10 | Rating ^c | ≥ 4 |
| Resistance to staining ^d | SANS 4586-2 Clause 16 B | Rating ^c | ≥ 4 |

- Low Emissions
- Dimensional Stability
- Dimensional Integrity
- Drilling
- Easy To Mill
- Easy To Clean
- Ideal For Cnc Machining
- Screw Holding Integrity
- Scratch Resistant
- Stain Resistant

Application

- Home, Office, Restaurant furniture
- Kitchen and bath cabinets
- Wall paneling
- Store fixtures
- General decoration

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Board Properties (Minimum Spec)

| Properties | Test Method | Unit | Value |
|--|--------------|-------------------|------------|
| Internal Bond | EN 319 | N/mm ² | 0.35 |
| Bending Strength (MOR) | EN 310 | N/mm ² | 11 |
| Modulus of Elasticity (MOE) | EN 310 | N/mm ² | 1600 |
| Surface soundness | EN 311 | N/mm ² | 0.8 |
| TOLERANCES | | | |
| Thickness (SANDED) within and between boards | EN 324-1 | mm | ±0.3 |
| Thickness (UNSANDED) within and between board | EN 324-1 | mm | -0.3 + 1.7 |
| Length and width | EN 324-1 | mm | ± 5 |
| Edge straightness | EN 324-2 | mm per m | 1.5 |
| Squareness | EN 324-2 | mm per | 2 |
| Flatness | SANS 5969 | mm per m | 5 |
| Moisture content | EN 322 | % | 5 - 13 |
| Tolerance on mean density within a board | EN 323 | % | ±10 % |
| Formaldehyde | ISO 12460-5 | mg/100g board | E1 < 8 |
| | | mg/100g board | E2 < 20 |
| Sale size normally 5 - 20 mm oversize (length and width) | | | |
| OTHER PROPERTIES AND SPECS NOT PRESCRIBED IN SANS 50312 | | | |
| Screw holding face | EN 320 | N | > 900 |
| Screw holding edge | EN 320 | N | > 600 |
| Surface absorption | BS EN 382-1 | mm | > 250 |
| Fire Rating | SANS 10177-3 | Class | Class 5 |