

SPECIALITY LAMINATES

*SPECIAL LAMINATES
FOR SPECIFIC NEEDS*

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Our Superior Anti-bacterial & Anti-fungal Laminates with Silver Nano Technology



How Silver Nano Technology works:

- Silver Nano concentrates on the surface of the laminate
- When microbes come into contact with the surface Silver Nano reacts with them
- It damages the cells of the microbes disrupting their normal function and stopping them from reproducing.

Effective



Works against broad range of microbes

Long-lasting



Anti-microbial performance in our laminates lasts longer

Safe



Non-toxic and absolutely safe

Thermo-stable



Stays steady at higher temperatures



SWITCH BOARD PANEL

These laminates are most suitable in paneling of switch boards for industry, commercial complex and institutions. To decorate homes they are available in solid plains, wood patterns and fancy designs. These laminates are also available in Fire Retardant Grade Class I confirming to BS 476 Part 6&7.

USP

- Greater power to resist abrasion
- Higher colour fastness due to all imported designs with primary pigments
- Product confirms to International Standards set by ISO 4586-1 & IS 2046
 - Moisture resistant
 - Perfect insulator
- Available in 3.00 mm thickness
- Size: 1220 mm x 2440 mm & 1220 mm x 1220 mm

SPECIFICATION

- Moisture Resistant
- Speciality Products

SIZE

- Thickness - 3 mm



SWITCH BOARD PANEL TECHNICAL SPECIFICATION

THICKNESS

- 3.0 mm (± 0.2 mm) ■
- 3.05 mm ■

RESISTANCE TO SURFACE WEAR

- 350 (revolutions) ■
- >> 350 ■

RESISTANCE TO IMMERSION IN BOILING WATER MASS INCREASE (%)

- 3.8% (Max) ■
- 2.50% (Max) ■

RESISTANCE TO IMMERSION IN BOILING WATER THICKNESS INCREASE (%)

- 4.0% (Max) ■
- 3.00% ■

RESISTANCE TO IMMERSION IN BOILING WATER APPEARANCE NOT WORSE THAN

- Grade 4 ■
- Grade 5 ■

RESISTANCE TO DRY HEAT 100°C

- Grade 4 ■
- Grade 5 ■

DIMENSIONAL STABILITY AT DEVIATED TEMPERATURE LONGITUDINAL (%)

- 0.30% (Max) ■
- 0.25% (Max) ■

DIMENSIONAL STABILITY AT DEVIATED TEMPERATURE TRANSVERSE (%)

- 0.65% (Max) ■
- 0.45% (Max) ■

RESISTANCE TO IMPACT BY LARGE DIAMETER DROP HEIGHT

- 10 ■
- 8 ■

RESISTANCE TO IMPACT BY LARGE DIAMETER DROP IDENTATION

- 100 ■
- 120 ■

- SPECIFICATION AS PER IS 2046-1995-CGS
- CENTURLAMINATES SBP GRADE

DIMENSIONAL STABILITY AT 20° C TRANSVERSE (%)

- 0.60% (Max)
- 0.48% (Max)

RESISTANCE TO IMPACT BY SMALL DIAMETER BALL

- 20N (Min)
- 25N (Min)

RESISTANCE TO CRACKING

- Should pass test
- Passed

RESISTANCE TO COLOUR CHANGE IN XENON LIGHT

- Should pass test
- Passed

RESISTANCE TO SCRATCHING

- 2N (Min)
- 2.5N (Min)

RESISTANCE TO STAINING

- Should pass test
- Passed

RESISTANCE TO COLOUR CHANGE IN XENON LIGHT

- Should pass test
- Passed

RESISTANCE TO COLOUR CHANGE IN ENCLOSED CARBON ARC LIGHT

- Should pass test
- Passed

RESISTANCE TO CIGARETTE BURNS

- Should pass test
- Passed

RESISTANCE TO STEAM

Grade 4 ■

Grade 5 ■

RESISTANCE TO CRAZING

Grade 4 ■

Grade 5 ■

RESISTANCE TO MOISTURE

Grade 4 ■

Grade 4 ■

FLEXURAL MODULUS MPA MIN

10000 ■

10500 ■

FLEXURAL STRENGTH MPA MIN

100 ■

115 ■

TENSILE STRENGTH MPA MIN

■ 70

■ 90

APPEARANCE

■ No ABC Defects

■ No ABC Defects

SPECIFIC GRAVITY GM/C.M3

■ N/A

■ 1.4 (Min)

PERMITTED DEPARTURE FROM FLATNESS

■ 10.0mm

■ 4.0mm



MAGNETIC LAMINATES

As the name suggests Century Magnetic Laminate is an innovative high pressure decorative laminate equipped with the unique property of holding magnet.

It's largely used as writing cum display board in schools, colleges, conference rooms, call centers and more. It's also used in kids' rooms for holding pictures, schedules, assignments and in hospitals to paste medical reports and charts. In offices, Magnetic Laminate is popularly seen as notice boards and pin up boards.

This laminate is available in 13 exciting solid colours, in 1.5mm thickness with more than 2 times strength than that of 1mm.

USP

- Made with a specially developed resin, it is useful for:
 - Uni function holding purpose
- Dual function holding cum writing purpose

SPECIFICATION

- Magnetic
- Speciality Products

SIZE

- Thickness - 1.5 mm



MAGNETIC LAMINATES TECHNICAL SPECIFICATION

THICKNESS

- 1.5 mm ($\pm 10\%$ mm) ■
- 1.5 mm (+5 -0% mm) ■

RESISTANCE TO SURFACE WEAR

- ≥ 350 (revolutions) ■
- > 400 (revolutions) ■

RESISTANCE TO IMMERSION IN BOILING WATER MASS INCREASE (%)

- 8.5% (Max) ■
- 5% (Max) ■

RESISTANCE TO IMMERSION IN BOILING WATER THICKNESS INCREASE (%)

- 10% (Max) ■
- 6% (Max) ■

RESISTANCE TO DRY HEAT 180°C

- Should pass test ■
- Passed ■

DIMENSIONAL STABILITY AT DEVIATED TEMPERATURE LENGTHWISE (%)

- 0.5% (Max) ■
- 0.35% (Max) ■

DIMENSIONAL STABILITY AT DEVIATED TEMPERATURE CROSSWISE (%)

- 0.95% (Max) ■
- 0.75% (Max) ■

DIMENSIONAL STABILITY AT 20°C LENGTHWISE (%)

- 0.35% (Max) ■
- 0.275% (Max) ■

DIMENSIONAL STABILITY AT 20°C CROSSWISE (%)

- 0.55% (Max) ■
- 0.48% (Max) ■

RESISTANCE TO IMPACT BY SMALL DIAMETER BALL

- 20N (Min) ■
- 25 N (Min) ■

■ INDUSTRY NORMS ■ TEST RESULTS

RESISTANCE TO CRACKING

- Should pass test ■
- Passed ■

RESISTANCE TO SCRATCHING

- 2N (Min) ■
- 2N (Min) ■

RESISTANCE TO STAINING

- Should pass test ■
- Passed ■

RESISTANCE TO COLOUR CHANGE IN XENON LIGHT

- Should pass test ■
- Passed ■

RESISTANCE TO COLOUR CHANGE IN ENCLOSED CARBON ARC LIGHT

- Should pass test ■
- Passed ■

RESISTANCE TO CIGARETTE BURNS

- Should pass test ■
- Passed ■

RESISTANCE TO STEAM

- Should pass test ■
- Passed ■

MAGNETIC PROPERTY

- NM ■
- Hold magnet (recommended magnetic holder of 3400 Gauss) ■

MAGNET HOLDING CAPACITY

- NM ■
- Hold 20 grams of A4 size paper ■



FIRE RETARDANT LAMINATES

Durable and easy to maintain these laminates are commonly used for interior decoration in fire prone applications like, public building construction. They are applied at airports, hospitals, elevators, institutions, banks, cabinetry and store fixtures. The widest use can be seen in kitchens and marine applications.

USP

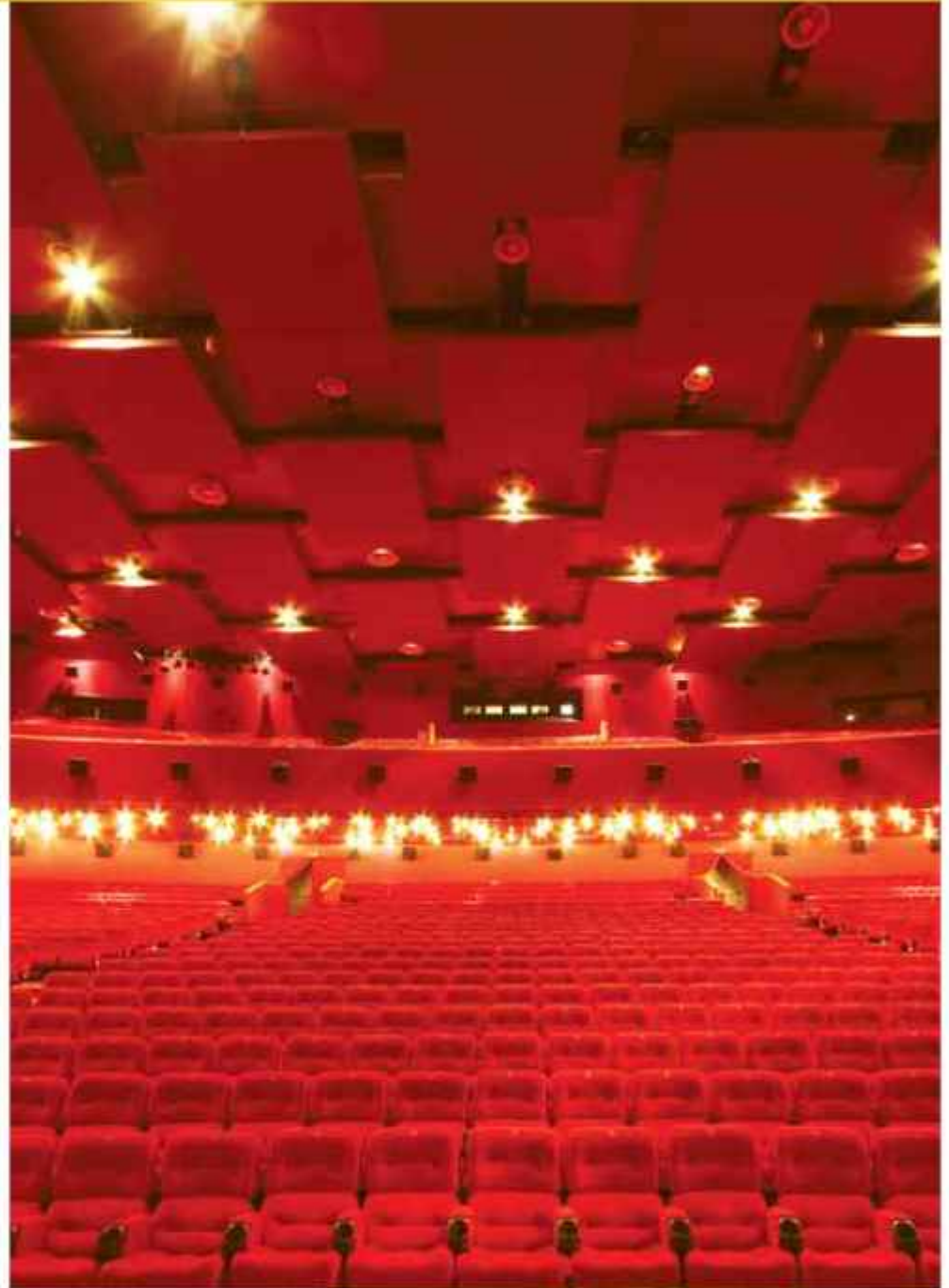
- Made with a distinctive Thermosetting Resin
 - At 1300 lbs pressure
 - At 150°C
- A product with very high Abrasion Resistant i.e. more than 1000 cycles, test as per NEMA
 - These result in creating Fire Retardant Century Laminates with:
 - High resistance to spread of flames
 - Extinguishes completely as soon as the flame source is removed
- Product confirms to International Standards set by BS 476 Part 6 & 7 for fire retardant properties
 - Besides above, product also confirms to all the properties of 1.5/1.0 mm thick Century Laminates

SPECIFICATION

- Fire Retardant
- Speciality Products

SIZE

- Thickness - 1 mm



FIRE RETARDANT LAMINATES TECHNICAL SPECIFICATION

THICKNESS

- 1.0 mm (\pm 10% mm) ■
- 1.0 mm (\pm 5%) ■

RESISTANCE TO SURFACE WEAR

- 1000 (revolutions) ■
- >> 1000 (revolutions) ■

RESISTANCE TO IMMERSION IN BOILING WATER MASS INCREASE (%)

- 12.0% (Max) ■
- 6.5% (Max) ■

RESISTANCE TO IMMERSION IN BOILING WATER THICKNESS INCREASE (%)

- 15.0% (Max) ■
- 8.0% (Max) ■

RESISTANCE TO DRY HEAT 180°C

- Should pass test ■
- Passed ■

DIMENSIONAL STABILITY AT DEVIATED TEMPERATURE LONGITUDINAL (%)

- 0.55% (Max) ■
- 0.35% (Max) ■

DIMENSIONAL STABILITY AT DEVIATED TEMPERATURE TRANSVERSE (%)

- 1.25% (Max) ■
- 0.75% (Max) ■

DIMENSIONAL STABILITY AT 20°C LONGITUDINAL (%)

- 0.375% (Max) ■
- 0.275% (Max) ■

DIMENSIONAL STABILITY AT 20°C TRANSVERSE (%)

- 0.625% (Max) ■
- 0.48% (Max) ■

RESISTANCE TO IMPACT BY SMALL DIAMETER BALL

- 20N (Min) ■
- 25 N (Min) ■

■ INDUSTRY NORMS ■ TEST RESULTS

RESISTANCE TO CRACKING

- Should pass test ■
- Passed ■

RESISTANCE TO SCRATCHING

- 2N (Min) ■
- 2N (Min) ■

RESISTANCE TO STAINING

- Should pass test ■
- Passed ■

RESISTANCE TO COLOUR CHANGE IN XENON LIGHT

- Should pass test ■
- Passed ■

RESISTANCE TO COLOUR CHANGE IN ENCLOSED CARBON ARC LIGHT

- Should pass test ■
- Passed ■

RESISTANCE TO CIGARETTE BURNS

- Should pass test ■
- Passed ■

RESISTANCE TO STEAM

- Should pass test ■
- Passed ■

APPEARANCE

- No ABC Defects ■
- No ABC Defects ■

SPECIFIC GRAVITY GM/C.M3

- N/A ■
- 1.42 (Min) ■



WHITE MARKER BOARD

The non-porous glossy white surface of this laminate imparts excellent properties with special marker pens for writing, wiping and rewriting.

USP

- Higher flexibility
- Only commercial laminate offering a 7 year manufacturer's warranty
- Every sheet of Century Laminate comes with extra thickness and abrasive resistant properties
- Uniform and superior sanding ensures best bonding with substrates
- Safest, environment-friendly laminate for various interior applications, meeting FCO level for Formaldehyde emission as per Japanese Standards JISA 1460:2001
- Higher colour fastness, thanks to primary pigments
- Conforms to International Standards set by NEMA LD3, ISO 4586-1 and ISO 2046; also meets FR Class II, as per BS 476 Part 6 and Part 7

SPECIFICATION

- Abrasion Resistant
- Speciality Products

SIZE

- Thickness - 1mm



WHITE MARKER BOARD TECHNICAL SPECIFICATION

THICKNESS

- 1.00 (± 10%) ■
- 1.0 mm (± 5%) ■

RESISTANCE TO SURFACE WEAR

- 350 (revolutions) ■
- > 400 (revolutions) ■

RESISTANCE TO IMMERSION IN BOILING WATER MASS INCREASE (%)

- 10.0% (Max) ■
- 6.0% (Max) ■

RESISTANCE TO IMMERSION IN BOILING WATER THICKNESS INCREASE (%)

- 11.8% (Max) ■
- 7.0% (Max) ■

RESISTANCE TO DRY HEAT 180°C

- Should pass test ■
- Passed ■

DIMENSIONAL STABILITY AT DEVIATED TEMPERATURE LONGITUDINAL (%)

- 0.55% (Max) ■
- 0.35% (Max) ■

DIMENSIONAL STABILITY AT DEVIATED TEMPERATURE TRANSVERSE (%)

- 1.025% (Max) ■
- 0.75% (Max) ■

DIMENSIONAL STABILITY AT 20°C LONGITUDINAL (%)

- 0.375% (Max) ■
- 0.275% (Max) ■

DIMENSIONAL STABILITY AT 20°C TRANSVERSE (%)

- 0.60% (Max) ■
- 0.48% (Max) ■

RESISTANCE TO IMPACT BY SMALL DIAMETER BALL

- 20N (Min) ■
- 25N (Min) ■

■ INDUSTRY NORMS ■ TEST RESULTS

RESISTANCE TO CRACKING

- Should pass test ■
- Passed ■

RESISTANCE TO SCRATCHING

- 2N (Min) ■
- 2N (Min) ■

RESISTANCE TO STAINING

- Should pass test ■
- Passed ■

RESISTANCE TO COLOUR CHANGE IN XENON LIGHT

- Should pass test ■
- Passed ■

RESISTANCE TO COLOUR CHANGE IN ENCLOSED CARBON ARC LIGHT

- Should pass test ■
- Passed ■

RESISTANCE TO CIGARETTE BURNS

- Should pass test ■
- Passed ■

RESISTANCE TO STEAM

- Should pass test ■
- Passed ■

APPEARANCE

- No ABC Defects ■
- No ABC Defects ■

SPECIFIC GRAVITY GM/C.M3

- N/A ■
- 1.36 (Min) ■



POST FORMING LAMINATES

These laminates are an integral lifestyle statement for a modern home. They are created with a unique technology of special resins that gives higher flexibility, such that after forming they have no sharp bends but only smooth surfaces. Available in a wide range of international designs, they are widely used for counter tops, cabinets, desk fronts, modular furniture and interior decoration.

USP

- Higher flexibility
- Smoother surface, no sharp bends after forming for a clean, uncluttered look
- Greater color fastness as a result of primary pigments used on latest, international designs
- Conforms to International Standards set by NEMA LD3, ISO 4586-1 and IS 2046
- Very popular as modular furniture, cabinets, desk fronts, wall racks, kitchen workstations and counter tops
 - Thermo forming of the laminate to the lowest radii of curvature and bull nosing for convex and concave shapes
 - Smooth finish with no sharp bends after forming
 - Best substrates bonding as a result of uniform and superior Sanding.
 - Care instructions. The surface should be gently cleaned using a very mild soap. Use of hard brushes on the laminate surface is not at all recommended Do not use any sharp objects like knives and cutter machine on the surface of the laminate. Utensils taken straight off the gas oven should not be placed on the laminate

SPECIFICATION

- Higher Flexibility
- Speciality Products

SIZE

- Thickness - 0.6 mm



POST FORMING LAMINATES TECHNICAL SPECIFICATION

THICKNESS

- 0.6mm (± 0.10%) ■
- 0.6 mm ■

RESISTANCE TO SURFACE WEAR

- >350 (min) ■
- >>375 (revolutions) ■

RESISTANCE TO IMMERSION IN BOILING WATER MASS INCREASE (%)

- 22.0% (Max) ■
- 12.4% (Max) ■

RESISTANCE TO IMMERSION IN BOILING WATER THICKNESS INCREASE (%)

- 24.0% (Max) ■
- 13.90% (Max) ■

RESISTANCE TO DRY HEAT 180°C

- Should pass test ■
- Passed ■

DIMENSIONAL STABILITY AT DEVIATED TEMPERATURE LONGITUDINAL (%)

- 0.75% (Max) ■
- 0.49% (Max) ■

DIMENSIONAL STABILITY AT DEVIATED TEMPERATURE TRANSVERSE (%)

- 1.25% (Max) ■
- 0.85% (Max) ■

DIMENSIONAL STABILITY AT 20°C LONGITUDINAL (%)

- 0.375% (Max) ■
- 0.275% (Max) ■

DIMENSIONAL STABILITY AT 20°C TRANSVERSE (%)

- 0.60% (Max) ■
- 0.48% (Max) ■

RESISTANCE TO IMPACT BY SMALL DIAMETER BALL

- 20N (Min) ■
- 26N (Min) ■

■ INDUSTRY NORMS ■ TEST RESULTS

RESISTANCE TO CRACKING

- Should pass test
- Passed

RESISTANCE TO SCRATCHING

- 2N (Min)
- 3N (Min)

RESISTANCE TO STAINING

- Should pass test
- Passed

RESISTANCE TO COLOUR CHANGE IN XENON LIGHT

- Should pass test
- Passed

RESISTANCE TO COLOUR CHANGE IN ENCLOSED CARBON ARC LIGHT

- Should pass test
- Passed

RESISTANCE TO CIGARETTE BURNS

- Should pass test
- Passed

RESISTANCE TO STEAM

- Should pass test
- Passed

APPEARANCE

- No ABC Defects
- No ABC Defects

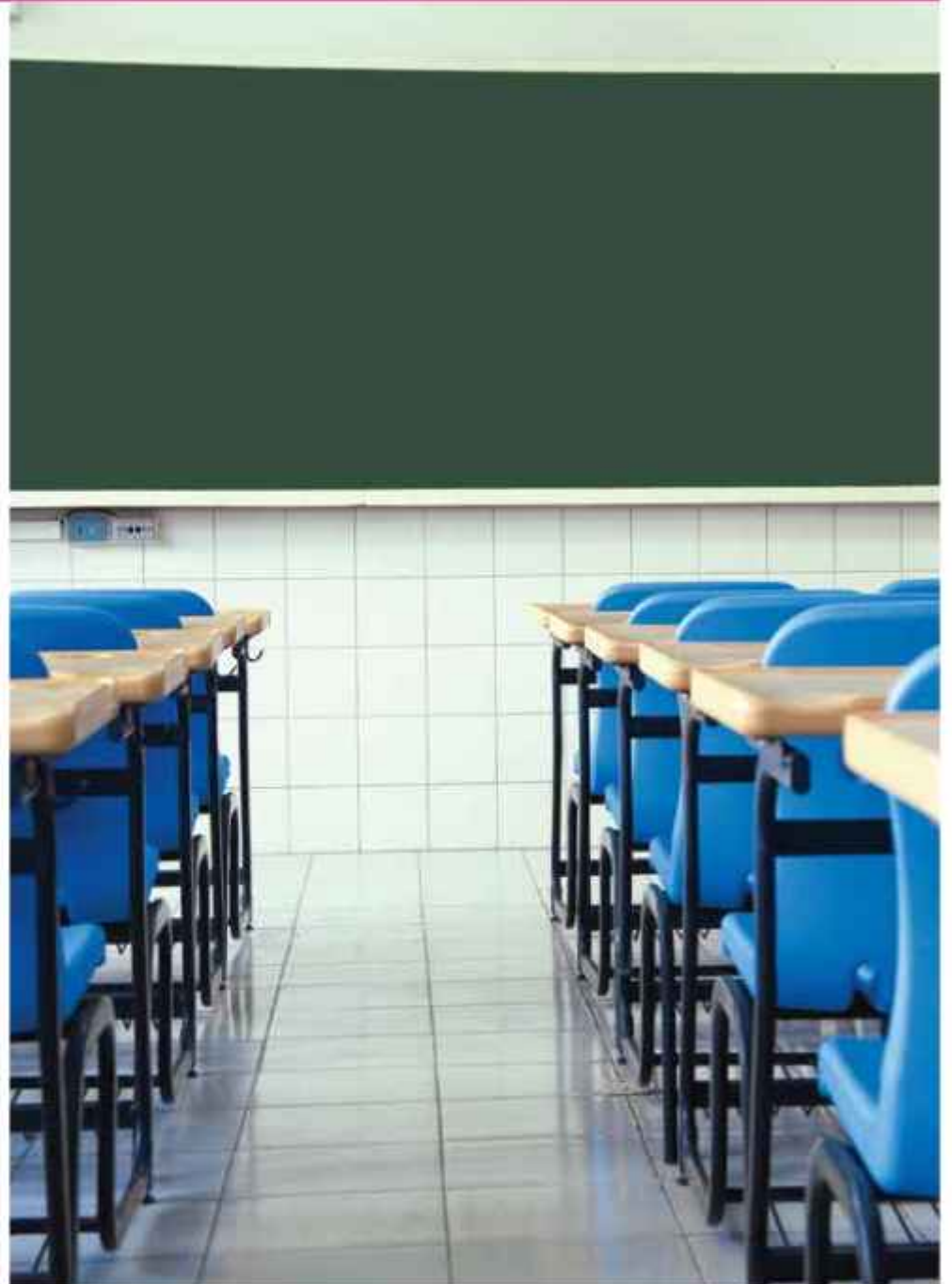
SPECIFIC GRAVITY GM/C.M3

- N/A
- 1.36 (Min)



CHALK BOARD

These laminates have a special surface that gives a perfectly legible and sharp appearance to the written matter with normal dry chalk. You can successfully write, wipe and rewrite on this surface. Chalk Boards are largely used in classrooms and offices.



CHALK BOARD TECHNICAL SPECIFICATION

THICKNESS

- 1.00 (± 10%) ■
- 1.0 mm (± 5%) ■

RESISTANCE TO SURFACE WEAR

- 350 (revolutions) ■
- > 400 (revolutions) ■

RESISTANCE TO IMMERSION IN BOILING WATER MASS INCREASE (%)

- 10.0% (Max) ■
- 6.0% (Max) ■

RESISTANCE TO IMMERSION IN BOILING WATER THICKNESS INCREASE (%)

- 11.8% (Max) ■
- 7.0% (Max) ■

RESISTANCE TO DRY HEAT 180°C

- Should pass test ■
- Passed ■

DIMENSIONAL STABILITY AT DEVIATED TEMPERATURE LONGITUDINAL (%)

- 0.55% (Max) ■
- 0.35% (Max) ■

DIMENSIONAL STABILITY AT DEVIATED TEMPERATURE TRANSVERSE (%)

- 1.025% (Max) ■
- 0.75% (Max) ■

DIMENSIONAL STABILITY AT 20°C LONGITUDINAL (%)

- 0.375% (Max) ■
- 0.275% (Max) ■

DIMENSIONAL STABILITY AT 20°C TRANSVERSE (%)

- 0.60% (Max) ■
- 0.48% (Max) ■

RESISTANCE TO IMPACT BY SMALL DIAMETER BALL

- 20N (Min) ■
- 25N (Min) ■

■ INDUSTRY NORMS ■ TEST RESULTS

RESISTANCE TO CRACKING

- Should pass test
- Passed

RESISTANCE TO SCRATCHING

- 2N (Min)
- 2N (Min)

RESISTANCE TO STAINING

- Should pass test
- Passed

RESISTANCE TO COLOUR CHANGE IN XENON LIGHT

- Should pass test
- Passed

RESISTANCE TO COLOUR CHANGE IN ENCLOSED CARBON ARC LIGHT

- Should pass test
- Passed

RESISTANCE TO CIGARETTE BURNS

- Should pass test
- Passed

RESISTANCE TO STEAM

- Should pass test
- Passed

APPEARANCE

- No ABC Defects
- No ABC Defects

SPECIFIC GRAVITY GM/C.M3

- N/A
- 1.36 (Min)



CENTURY LAMINATES®

my design. my style.



CENTURYPLY®

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