

COMPACT

Laminates

**REVITALIZE YOUR SPACES WITH
COLOURFUL, DURABLE, STYLISH
& AFFORDABLE COMPACTS**



AT A GLANCE

45+
YEARS OF EXPERTISE

1200+
EMPLOYEES

10+
PRODUCTION LINE

30+
MILLION SQ. MT.
ANNUAL PRODUCTION

7+
HPL VERTICALS

6+
SIZES

70+
COUNTRIES

120+
MILLION EURO REVENUE

500+
SATISFIED BUYERS

1200+
DECORS

120+
TRENDY TEXTURES

10+
DEDICATED
MARKETING TEAM



THE PRODUCT

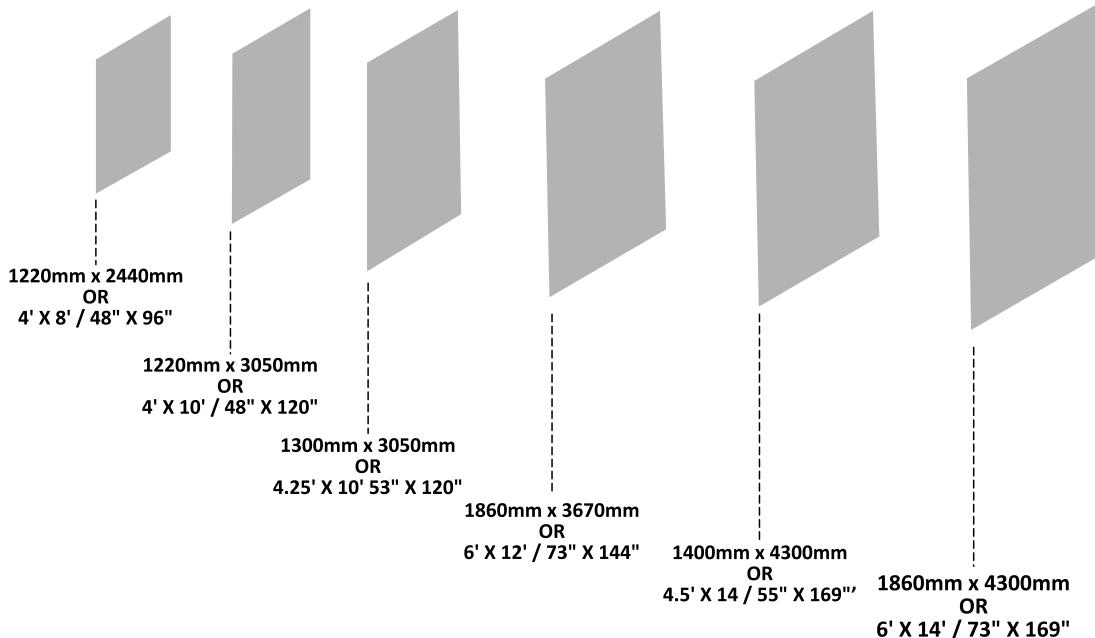
Compact Laminate is a high pressure laminate (HPL) consisting of layers of cellulose fiber that are impregnated with thermosetting resins and subject to a high pressure process consisting of simultaneous application of heat and pressure. This cutting edge technology results in a homogeneous, non-porous material with the required surface finish.

It has a density of 1.4gm/cm³. Our panels are strong, damage resistant and have remarkable structural stability. It needs no substrate support in thickness over 6mm.

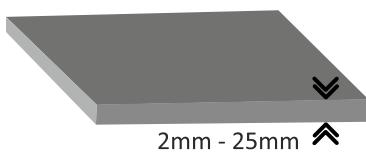
Crown's Compact Laminate bears EN-438:4, CE, NEMA- LD3-2005, Green Label, BIS, Green Guard, Green Building and FSC certifications. They also meet conformity with European Consumer Safety, health and environmental requirements



DIMENSIONS



THICKNESS



DECOR : Double Sided Decor
Single Sided Decor
(available on request)

CORE : Black and Natural
(On request White and Grey)

FINISH : Sued(SF), Bright Stone,
Selva, Italian Stone, Rock
Wood and Lava in size

1860mmx3670mm (6'x12'/73"x144")
&
1860mmx4300mm (6'x14'/73"x169")

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LP = LIGHT PLAIN

DP = DARK PLAIN

P = PRINT

FULL RANGE AVAILABLE IN

3670 X 1860mm (6'x12' / 73"x144"), 4300 X 1400mm (4.5'x14' / 55"x169") & 4300 X 1860mm (6'x14' / 73"x169")

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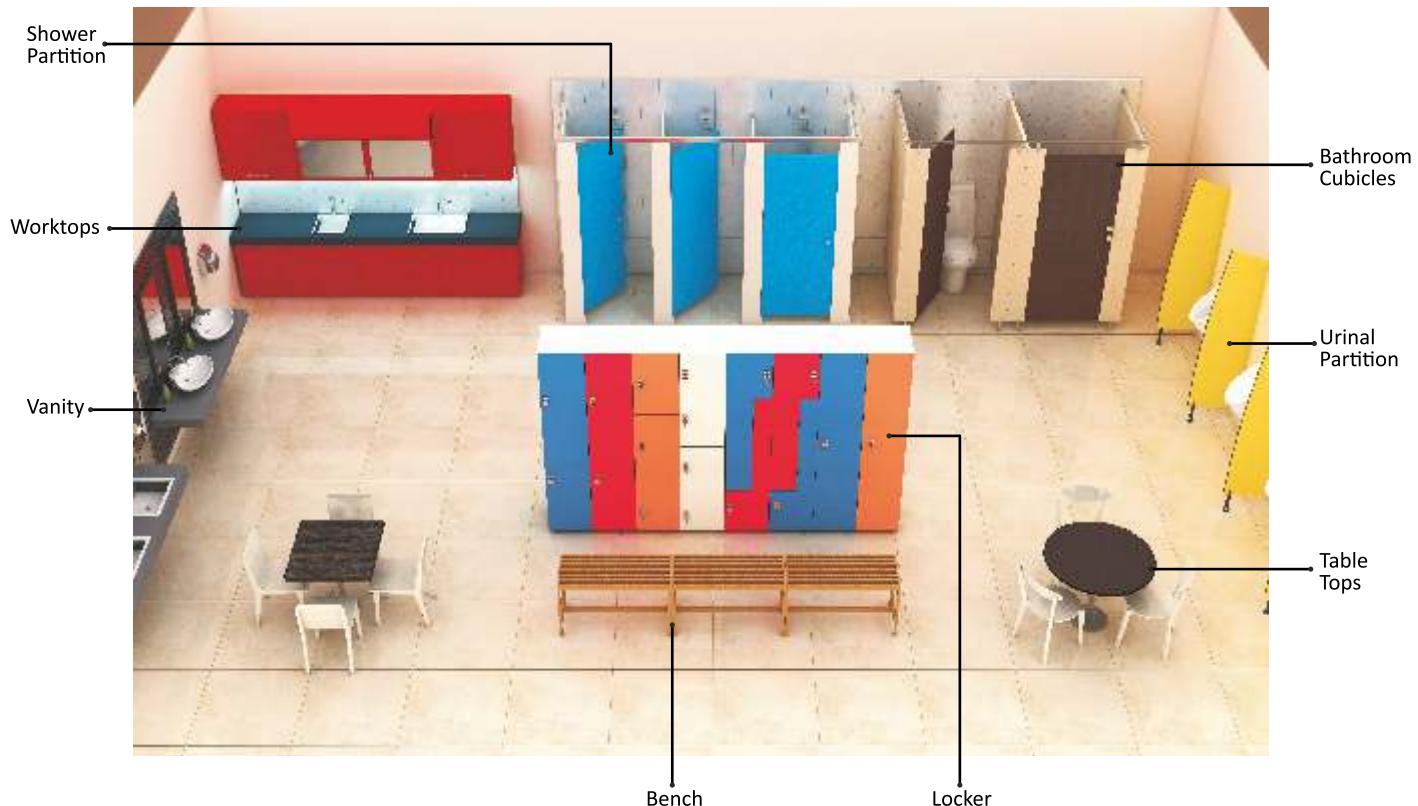
LP = LIGHT PLAIN

DP = DARK PLAIN

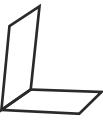
P = PRINT

FULL RANGE AVAILABLE IN
3670 X 1860mm (6'x12' / 73"x144"), 4300 X 1400mm (4.5'x14' / 55"x169") & 4300 X 1860mm (6'x14' / 73"x169")

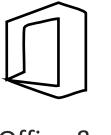
PICTORIAL ILLUSTRATION OF COMPACT USAGE



FEATURES

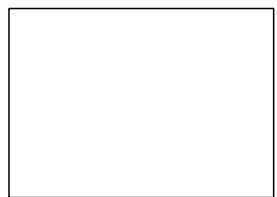
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AREA OF USAGE

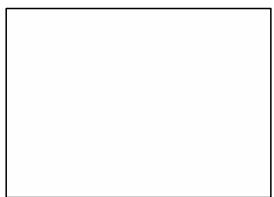
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THE MAGIC OF A COLOUR PALETTE

SOLIDS



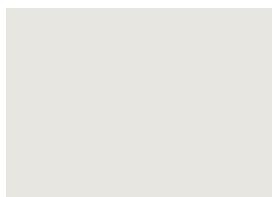
RC 601XL
Arctic White



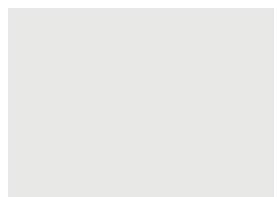
RC 724XL
White



RC 618XL
White



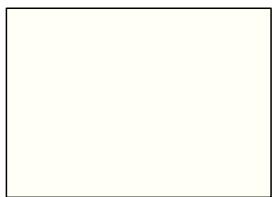
RC 620XL
White



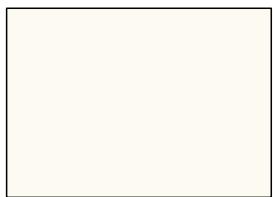
RC 624XL
White



RC 10XL
Light Blue White



RC 856XL
Frosty White



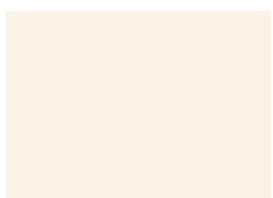
RC 13XL
Egg White



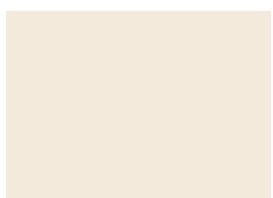
RC 851XL
Cold White



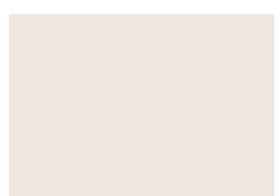
RC 855XL
Ivory



RC 17XL
Mysore Ivory



RC 859XL
Peanut



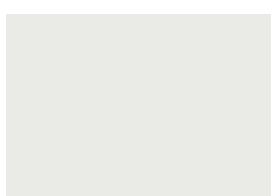
RC 871XL
Beige(Irish Cream)



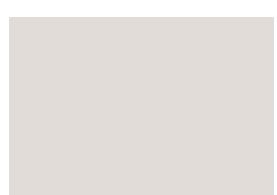
RC 888XL
Creme Moyen



RC 879XL
Brun Moyen



RC 860XL
Silver Grey



RC 886XL
Light Grey



RC 733XL
Light Grey



RC 885XL
Grey



RC 717XL
Silver Grey



RC 861XL
Gothic Grey



RC 718XL
Tin



RC 887XL
Grey



RC 801XL
D.Grey



RC 719XL
North Sea



RC 862XL
Slate Grey



RC 727XL
Storm



RC 873XL
D.Grey

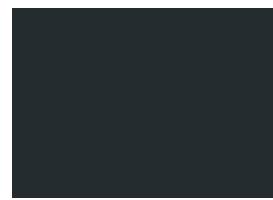
SOLIDS



RC 720XL
Ebony



RC 889XL
Dark Grey



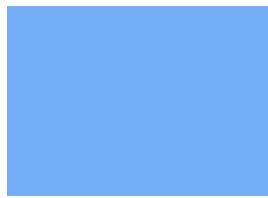
RC 603XL
Dark Grey



RC 867XL
Greyish Blue



RC 729XL
Blue



RC 884XL
Blue



RC 876XL
Sapphire Blue



RC 853XL
Royale Blue



RC 609XL
Blue



RC 865XL
Parrot Green



RC 730XL
Green



RC 617XL
Olive Green



RC 725XL
Green



RC 606XL
Green



RC 15XL
Yellow



RC 731XL
Divine Yellow



RC 864XL
Mango



RC 732XL
Light Orange



RC 857XL
Orange



RC 875XL
Candy Pink



RC 728XL
Blush



RC 872XL
Vodafone Red



RC 11XL
Black

PRINTS



RC 411XL
Jarama Elm



RC 907XL
Moldau Acacia



RC 899XL
Arusha Wenge



RC 908XL
Thansau Maple



RC 957XL
Illinois Pecan



RC 960XL
Travertino Romano



RC 959XL
Travertino Romano



RC 894XL
Douglas Teak



RC 665XL
Walnut Rigato

* refer www.crownlam.com for full view

PRINTS



RC 656XL
Montpellier



RC 459XL
Lancelot Oak



RC 892XL
Urban Teak



RC 679XL
Delano Eiche



RC 642XL
Canyon Monument Oak



RC 943XL
Canyon Monument Oak



RC 644XL
Canyon Monument Oak



RC 944XL
Flagstaff Oak



RC 912XL
Noce Versailles

* refer www.crownlam.com for full view

PRINTS



RC 905XL
Noce Versailles



RC 917XL
Noce Versailles



RC 942XL
Wontan Oak



RC 922XL
Scotia Oak



RC 935XL
Yokshire Chestnut



RC 953XL
Indian Shesham



RC 107XL
Montreux Nussbaum



RC 641XL
Canyon Apple



EXP 51
Novecento Pine

* refer www.crownlam.com for full view

PRINTS



RC 910XL
Criaza Pear



RC 911XL
Van Couver Maple



RC 640XL
Canyon Vintage Pine



RC 962XL
D Noce Lattari



RC 534XL
Canyon Baffin Oak



RC 680XL
Canyon Atlantic Oak



RC 961XL
Travertino Romano



RC 426XL
Evoque Oak



RC 906XL
Moldau Acacia

* refer www.crownlam.com for full view

PRINTS



RC 901XL
Straight Grained Wenge (Red)



RC 874XL
Titan



RC 669XL
Maremma



RC 805XL
Pompu Slate



RC 937XL
Rusty Plate



RC 923XL
Osiris



RC 667XL
Cement



RC 883XL
Puntinella



RC 925XL
Texstone

* refer www.crownlam.com for full view

PRINTS



RC 646XL
Belidor



RC 948XL
Aurum



RC 661XL
Grey Stone



RC 660XL
Metalic Oxid



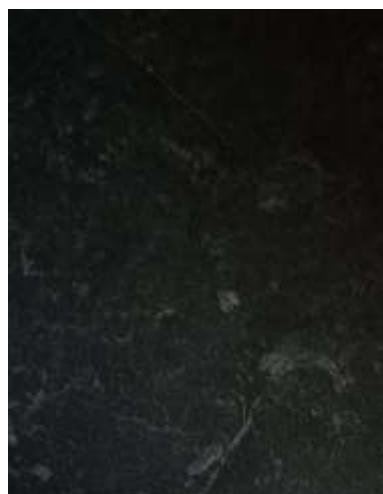
RC 807XL
Milo Stone



RC 936XL
Chaos



RC 658XL
Tabo Slate



RC 684XL
Stromboli



RC 945XL
Nero Marquina

* refer www.crownlam.com for full view

PRINTS



RC 933XL
Nexus



RC 934XL
Nexus



RC 955XL
Atlantic Coast



RC 956XL
Atlantic Coast



RC 954XL
Atlantic Coast



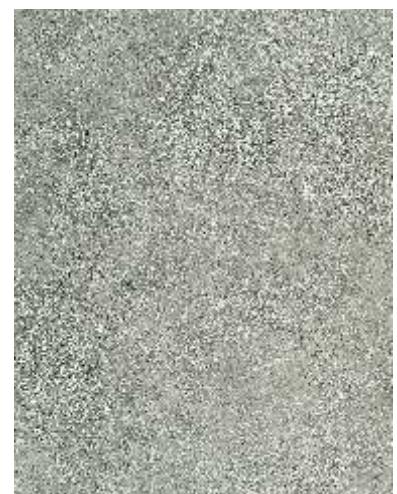
RC 940XL
Pinara Light



RC 638XL
Pinara



RC 939XL
Pinara Dark



RC 683XL
Abbey Road (light)

* refer www.crownlam.com for full view

PRINTS



RC 677XL
Abbey Road



RC 924XL
Manhattan



RC 918XL
Manhattan



RC 919XL
Manhattan



RC 478XL
Tivoli



RC 479XL
Tivoli



RC 636XL
Brooklyn



RC 637XL
Brooklyn



RC 809XL
Fuji

* refer www.crownlam.com for full view

PRINTS



RC 810XL
Dark Fuji



RC 686XL
Mandu Slate



RC 685XL
Mandu Slate



RC 687XL
Mandu Slate



RC 941XL
Grey Caspio



RC 671XL
Grey Caspio



RC 672XL
Grey Caspio



RC 927XL
Grey Caspio



RC 949XL
Fontia

* refer www.crownlam.com for full view

PRINTS



RC 950XL
Temptation



RC 921XL
Torano



RC 958XL
Kashmir Marble



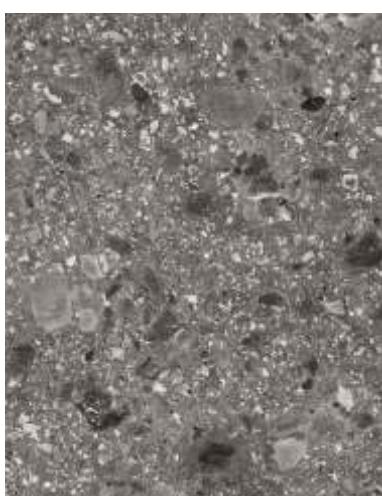
RC 931XL
Bianco Onyx



RC 654XL
Statuario Venato



RC 932XL
Skadi



RC 573XL
Breccia Agrippina



RC 461XL
Veneto



RC 926XL
Venice

* refer www.crownlam.com for full view

PRINTS



RC 804XL
Advika



RC 550XL
Letizia



RC 946XL
Fire Stone



RC 930XL
Nero Tunisi



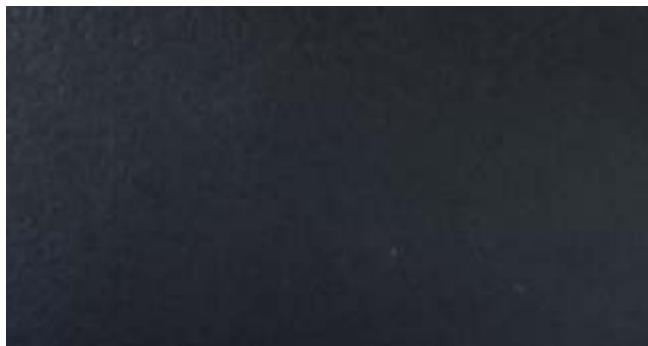
RC 928XL
Canyon Painted Metal



RC 920XL
Canyon Painted Metal

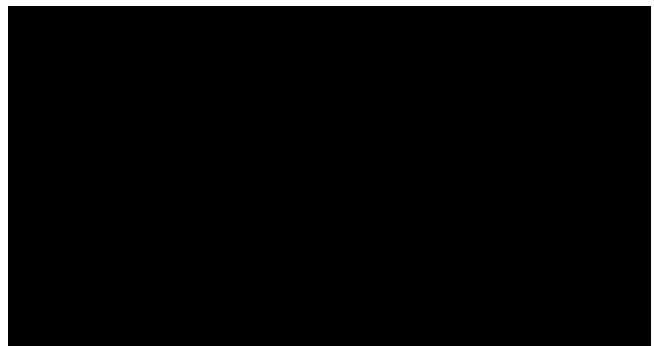
* refer www.crownlam.com for full view

FINISH



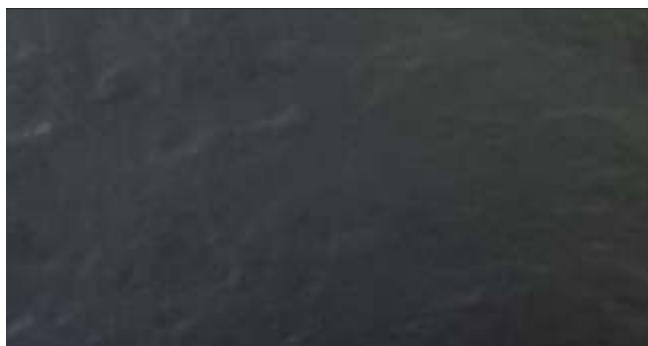
Suede/SF

Available in 12' x 6' & 14' x 6'



Matt

Available in only 14' x 6'



Italian Stone

Available in 12' x 6' & 14' x 6'



Selva

Available in 12' x 6' & 14' x 6'



Lava

Available in 12' x 6' & 14' x 6'



Moon

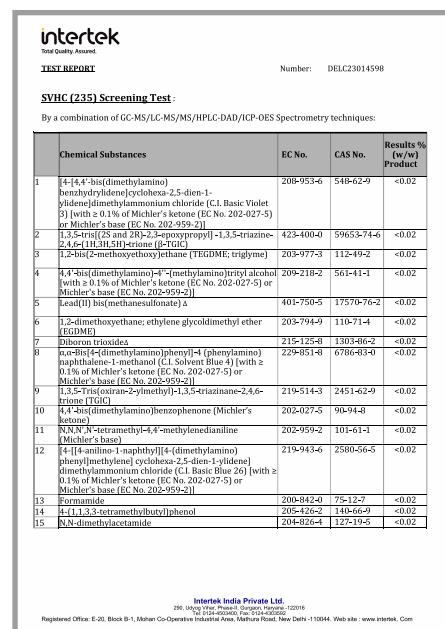
Available in 12' x 6' & 14' x 6'



Curved Line

Available in only 14' x 6'

CERTIFICATIONS



STANDARD GRADE COMPACT LAMINATES TECHNICAL DATA SHEET AS PER CSN EN 438 - 4 : 2016

| SR.NO. | PROPERTIES | TEST METHOD | UNIT OF MEASUREMENT | ATTRIBUTES OF PERFORMANCE | RESULTS (AS PER EN 438-4) |
|----------|---|--------------------|---------------------------------|--|--|
| | | | | EN-438 LAMINATE CLASSIFICATION Type CGS | |
| 1 | SURFACE QUALITY | | | | |
| 1.1 | Surface Quality | EN 438-2.4 | mm ² /m ² | Spots, dirt and similar surface defects | ≤ 1 |
| | | | mm/m ² | Fibers, hairs, and scratches | ≤ 10 |
| 2 | DIMENSIONAL PROPERTIES / STABILITY | | | | |
| 2.1 | Thickness | EN 438-2.5 | mm | 2.0 ≤ t < 3.0 mm : ± 0.20 mm 3.0 ≤ t < 5.0 mm : ± 0.30 mm 5.0 ≤ t < 8.0 mm : ± 0.40 mm 8.0 ≤ t < 12.0 mm : ± 0.50 mm 12.0 ≤ t < 16.0 mm : ± 0.60 mm 16.0 ≤ t < 20.0 mm : ± 0.70 mm 20.0 ≤ t < 25.0 mm : ± 0.80 mm 25.0 ≤ t to be agreed between supplier and customer | 2.0 ≤ t < 3.0 mm : ± 0.20 mm 3.0 ≤ t < 5.0 mm : ± 0.30 mm 5.0 ≤ t < 8.0 mm : ± 0.40 mm 8.0 ≤ t < 12.0 mm : ± 0.50 mm 12.0 ≤ t < 16.0 mm : ± 0.60 mm 16.0 ≤ t < 20.0 mm : ± 0.70 mm 20.0 ≤ t < 25.0 mm : ± 0.80 mm 25.0 ≤ t to be agreed between supplier and customer |
| 2.2 | Size | EN 438-2.6 | mm | Length and Width +10/-0 | +05/-0 |
| 2.3 | Straightness of edges | EN 438-2.7 | mm/m | Straightness of edges ≤ 1.5 | ≤ 1 |
| 2.4 | Squareness | EN 438-2.8 | mm/m | Squareness ≤ 1.5 | ≤ 1 |
| 2.5 | Flatness (measured on full size sheet) | EN 438-2.9 | mm/m | For 2.0 ≤ t < 6.00 mm : 8 | 5 |
| | | | mm/m | For 6.0 ≤ t < 10.00 mm : 5 | 3 |
| | | | mm/m | 10.0 ≤ t : 3 | 2 |
| 3 | PHYSICAL PROPERTIES | | | | |
| 3.1 | Resistance to Surface Wear | EN 438-2.10 | Revolutions | Wear Resistance - Initial Point | Unicolours - ≥ 200 Printed Décor - ≥ 175 |
| | | | Revolutions | Wear Resistance - Wear Value | Unicolours - ≥ 450 Printed Décor - ≥ 410 |
| 3.2 | Resistance to immersion in Boiling water | EN 438-2.12 | % | Mass Increase - 2 ≤ T < 5 mm | ≤ 2 |
| | | | % | Mass Increase - T ≥ 5 mm | ≤ 1 |
| | | | % | Thickness Increase - 2 ≤ T < 5 mm | ≤ 2 |
| | | | % | Thickness Increase - T ≥ 5 mm | ≤ 1.5 |
| | | | Rating | Surface Rating - Gloss Finish | ≥ 4 |
| | | | Rating | Surface Rating - Other Finishes | ≥ 5 |
| | | | Rating | Edge Rating - Other Finishes | ≥ 4 |
| 3.3 | Resistance to water vapour | EN 438-2.14 | Rating | Appearance - Gloss Finish | ≥ 4 |
| | | | Rating | Appearance - Other Finishes | ≥ 4 |
| 3.4 | Resistance to Dry heat @160°C | EN 438-2.16 | Rating | Appearance - Gloss Finish | ≥ 4 |
| | | | Rating | Appearance - Other Finishes | ≥ 4 |
| 3.5 | Dimensional stability at elevated temperature | EN-438-2.17 | Longitudinal % Transversal % | Cumulative dimensional change 2 ≤ T < 5 mm | ≤ 0.40 ≤ 0.80 |
| | | | Longitudinal % Transversal % | Cumulative dimensional change T ≥ 5 mm | ≤ 0.30 ≤ 0.60 |
| 3.6 | Resistance to impact by large diameter ball | EN-438-2.21 | mm | 2 ≤ 6mm - 1400mm | ≥ 1500 |
| | | | mm | T ≥ 6mm - 1800mm | ≥ 1900 |
| 3.7 | Resistance to crazing | EN-438-2.24 | Rating | Appearance | ≥ 4 |
| 3.8 | Resistance to Scratching | EN-438-2.25 | Rating | Appearance - Smooth Finishes | ≥ 3 |
| | | | Rating | Appearance - Textured Finishes | ≥ 3 |
| 3.9 | Resistance to Staining | EN-438-2.26 | Rating | Appearance - Group 1 & 2 | 5 |
| | | | Rating | Appearance - Group 3 | 5 |
| 3.10 | Light Fastness (Xenon Arc) | EN-438-2.27 | Degree | Contrast | 5 |
| 3.11 | Flexural Modulus | EN-ISO-178-2003 | Mpa | Stress ≥ 9000 | 9000-11500 |
| 3.12 | Flexural Strength | EN-ISO-178-2003 | Mpa | Stress ≥ 80 | ≥ 120 |
| 3.13 | Tensile Strength | EN-ISO-572-2-1996 | Mpa | Stress ≥ 60 | 60-90 |
| 3.14 | Density | EN-ISO 1183-1:2004 | g/m ² | ≥ 1.35 | ≥ 1.4 |
| 4 | FIRE PERFORMANCES | | | Test as per EN 13823 and EN ISO 11925-2 (Small-burner test) | |
| 4.1 | Fire Reaction Classification - CGS | EN 13501-1 | Rating | Classification for T ≥ 12 mm | B - s1, d0 |
| | | | Rating | Classification for 6 ≤ T < 12 mm | C - s2, d0 |
| 5 | OTHER PROPERTIES | | | | |
| 5.1 | Release of Formaldehyde | EN-438-7.4.11.1 | Rating | Classification | E1 |

Remarks

• Required Values Based on EN-438 - 4 ISSUE-02-Dated-16.09.2022



European Standard
EN 438

NEMA
NEMA LD3-2005



GREENGUARD
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FSC

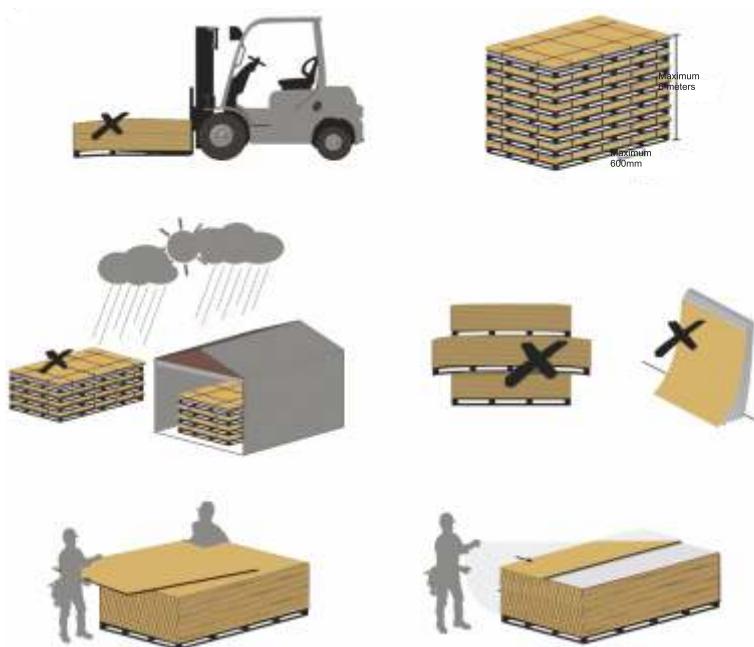
HANDLING AND LOGISTICS

Handle Compact Panels with care in order to not damage the edges and surface of high quality material. In spite of the excellent surface hardness and the protection film applied, the stack weight of the panel could be a possible cause of the damage. Therefore any form of dirt or dust between these panels must be avoided. Panels must be secured against slippages during the transportation. While loading and unloading, the panels must be lifted and not pushed or pulled over the edges.

Compact panels must be stacked horizontally on a flat and stable surface with supporting panels. These panels must lie completely flat on the surface and a cover plate should be kept on the stack. The top cover should be weighed down and must be wrapped by plastic.

These panels are to be stored in a closed room under normal climatic conditions to avoid excess humidity and heat. Appropriate distance should be maintained between each side of the panel.

It is advised to use protection like hand gloves during the handling and installation.



CARE & MAINTENANCE

Crown Compact Laminates are durable, abrasion and impact resistant. They hardly require maintenance under normal use. However proper care makes them more durable to last longer.

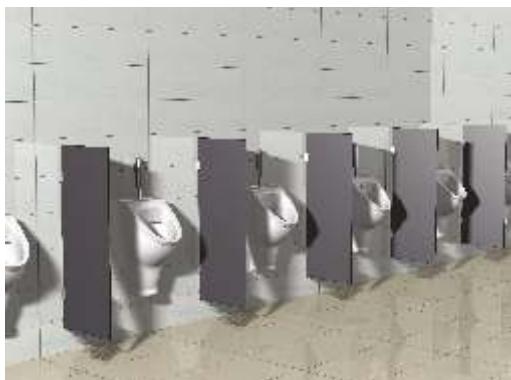
- Do not use any sharp objects, chopper, hammer or slice directly on the surface.
- Do not expose the surface directly to hot cookware as well as prevent exposure to heat which may cause delamination of surface from original substrate.
- Do not use cleansing agents and steel wool for cleaning. Instead use natural detergent or cleansing agents. However for difficult stains soft nylon scrub in a circular motion may be used. If the stain still persists, baking soda paste with water can be used carefully and moderately. In some instances acetone (nail polish remover) denatured alcohol or undiluted household bleach can also be used. Any stain as well as cleaning agents must be wiped immediately and should not be allowed to rest for more than two minutes.
- Do not use acid, alkalies, iodine, hair dye, hair tonic etc. which may cause discolouration and deterioration of the surface.
- Do not use any of the above mentioned products on gloss surface laminates.



APPLICATIONS



SHOWER CUBICLES



URINAL PARTITION



TOILET CUBICLES



EDUCATIONAL FURNITURE

APPLICATIONS



LOCKERS



WALL PANELLIG



WORK/TABLE TOPS



VANITY



BENCHES

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LAMINATES & BEYOND

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