

# PANELEX



FROM THE HOUSE OF  
PVL **WUUDPLY.**®

## About Us

We bring bold ideas to life with sustainable pre-laminated boards that blend style and strength for every space.

Panelex is a pre-laminated chipboard brand from the house of Wuudply, backed by Primeply Industries—one of South India's most trusted names in timber-based plywood since the 1980s. Panelex specializes in high-quality chipboard designed for modern spaces, delivering products that blend style, durability, and precision. The brand leverages advanced manufacturing technologies and sustainable processes to ensure consistent quality and high performance. Its versatile range of surfaces is ideal for furniture, wall paneling, and interior applications across residential, commercial, and institutional spaces.



## **Boards with Purpose**

Built with Intention. Designed by Panelex. We are not here to repeat. We are here to rethink. To challenge materials. To demand more from the ordinary.

## **Built without waste**

For those who build without waste. For those who want style that speaks without shouting at the Earth. It's not about being trendy. It's about being timeless. Strong. Sustainable. Thoughtfully made.

## **Engineered to last**

At Panelex, creation is never random, it's guided by principle, precision, and planet-first thinking. Presenting the Panelex Particle Board, A board engineered to last, refined for form, and driven by values. Made for those who design spaces with meaning.

**Sustainable by Nature,  
Efficient by Design**



**At Panelex, sustainability is  
not a slogan, it's embedded  
in everything we do.**

**Zero Waste Production**

Our 100% dust-proof, manufacturing process guarantees defect-free particle boards while recycling all wood waste internally, converting it into clean energy, and minimizing environmental impact.

**Unmatched Quality & Consistency**

Each Panelex board is heat and pressure bonded for exceptional structural reliability, minimizing expansion or contraction over time. We ensure uniform density throughout the board, delivering stability across all applications.

Panelex boards also offer excellent machinability, ideal for high-speed cutting, drilling, and milling without chipping, ensuring efficient fabrication and longer tool life. The superior edge profiling capability allows precise shaping and enhanced edge strength, supporting intricate design work. Our products are virtually free from foreign particles, feature a light, latex-free wood color, and are dimensionally stable with tight tolerances.

Every batch undergoes rigorous internal testing protocols to meet and exceed industry quality benchmarks, delivering dependable performance, always.

**Water Stewardship**

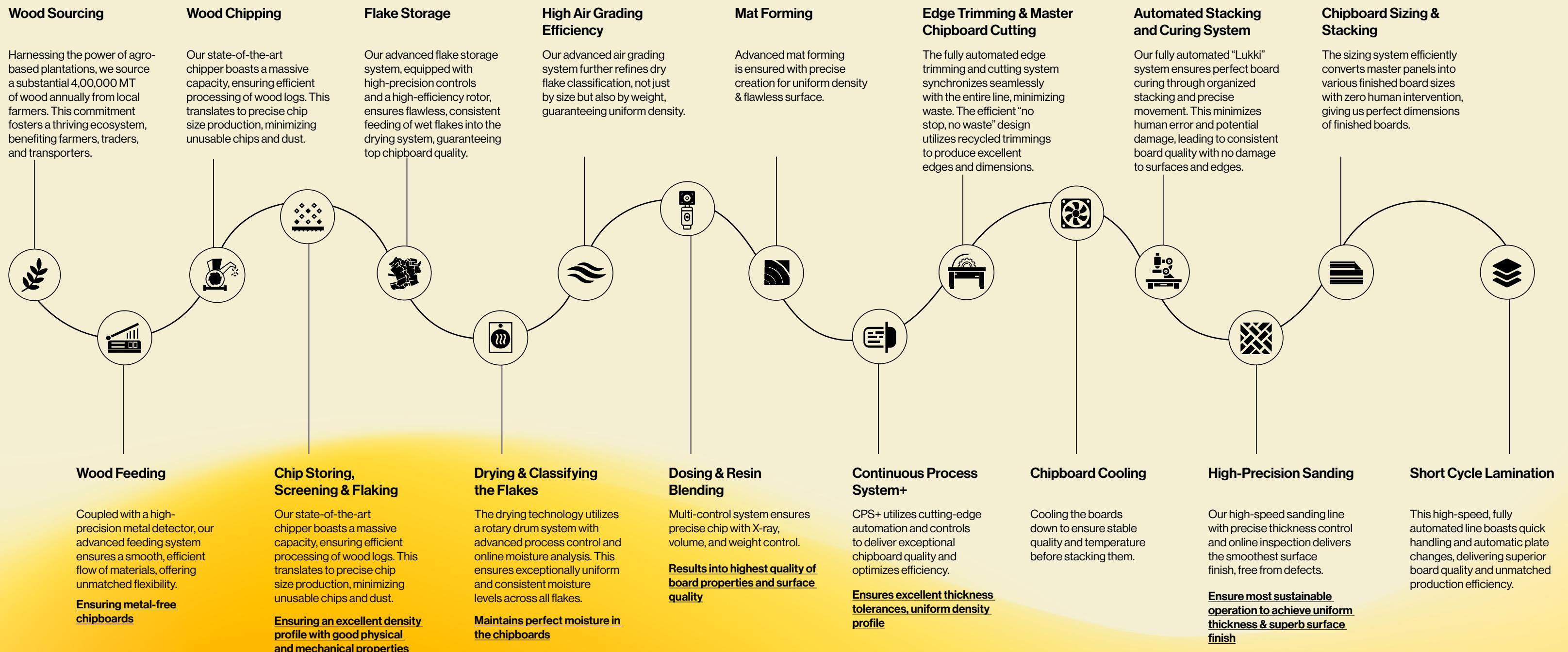
Our state-of-the-art zero liquid discharge system treats and reuses all water in production, closing the loop on resource use and protecting ecosystems.

**Built for Performance and Responsibility**

Panelex Particle Boards combine strength, beauty, and sustainability, crafted to support the next generation of responsible interiors without compromise.

Panelex Particle Board, where performance meets conscience, naturally and intelligently.

# Crafted with Precision





# ELITE

Premium Wood Finishes of surfaces  
with our premium range, designed to  
protect and highlight the natural grain.



**PANELEX**

**Design to  
Endure**

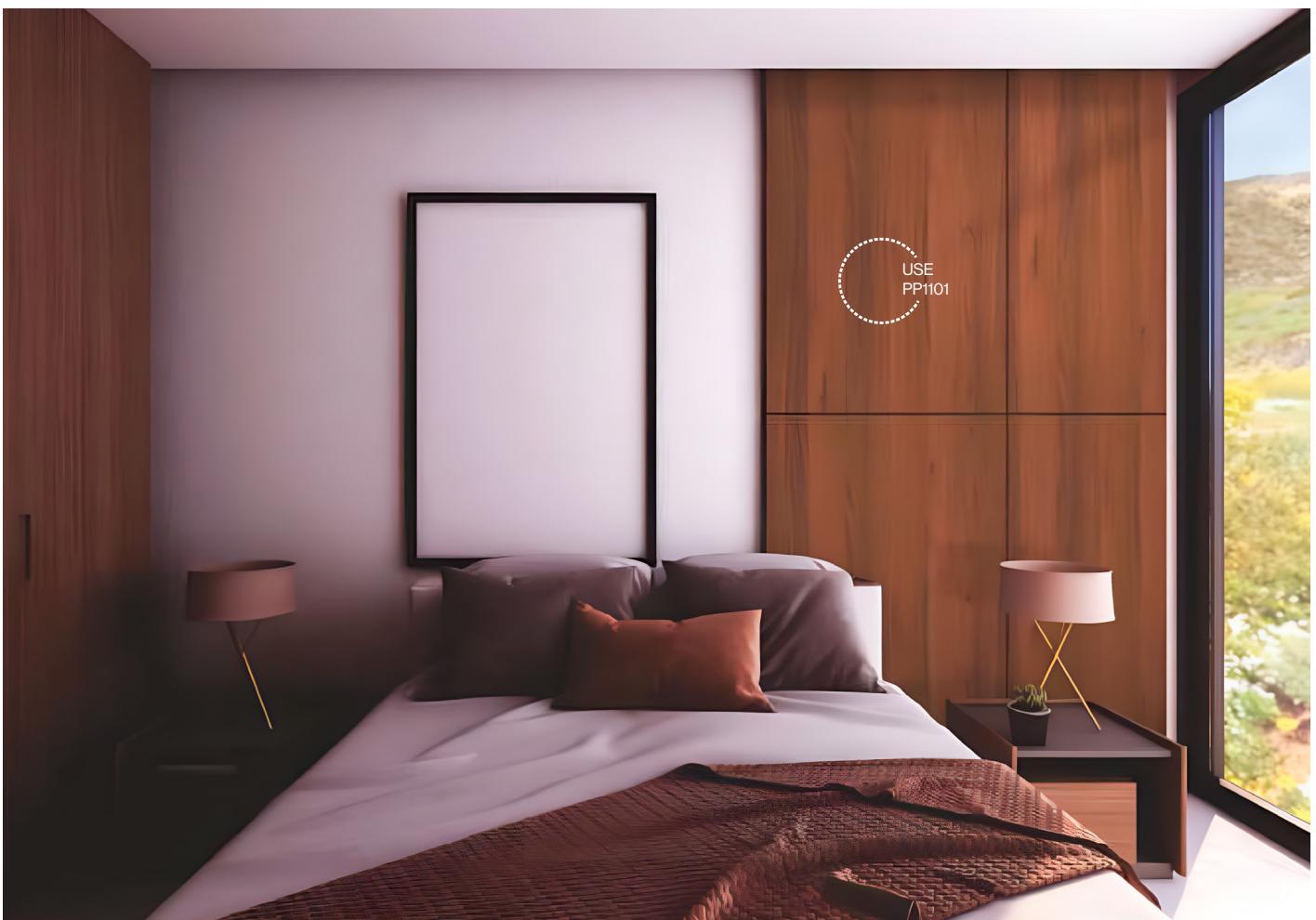
**ELITE**



Nuances of style that give your spaces a look of elegance and versatility.



**PP1101**  
ELYSIAN OAK



**PP1104**  
RIMINI WALNUT



**PP1105**  
RIMINI WALNUT

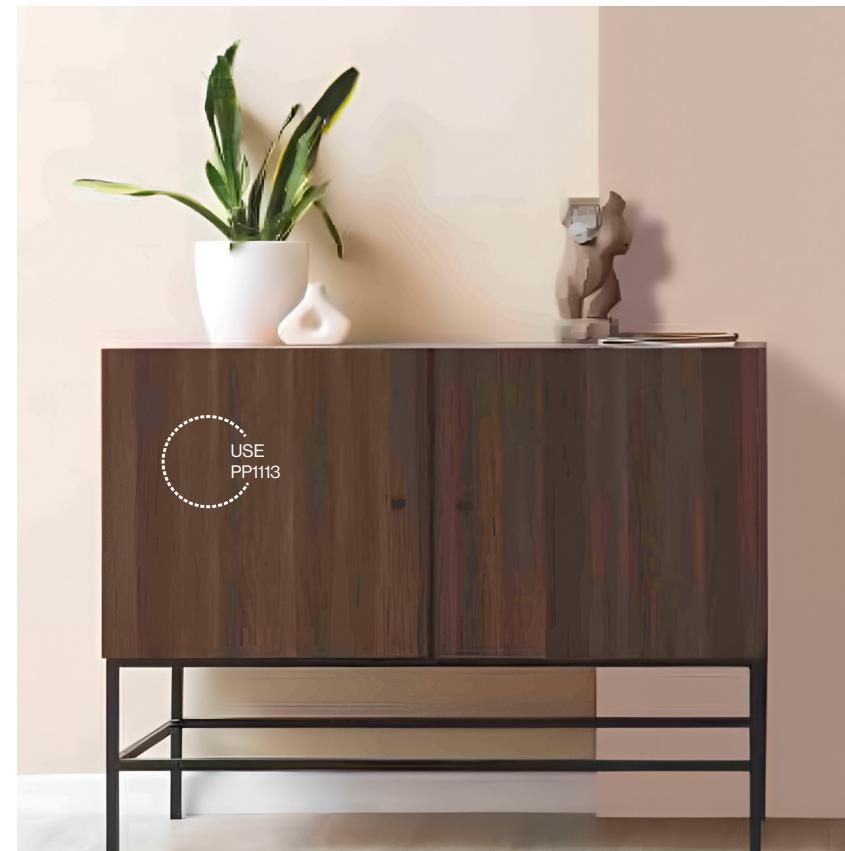
## ELITE



**PP1106**  
SANDAL ELITE



**PP1107**  
SANDAL ELITE



Manifest dreams into reality  
with an opulent elan.



**PP1113**  
RIVER OAK



**PP1114**  
RIVER OAK

ELITE



**PP1115**  
VOLCANIC WOOD



Explore  
Contemporary  
finishes



**PP1116**  
VOLCANIC WOOD



Curated designs for decors of  
subtle realm and sophisticated  
style.



**PP1117**  
BONBOY WOOD



## ELITE



**PP1118**  
VIROLA WOOD



**PP1119**  
VIROLA WOOD



**PP1120**  
CARAMAL OAK



**PP1121**  
SAPELI



**PP1122**  
GAINT WOOD



**PP1123**  
GAINT WOOD

ELITE



**PP1124**  
SOFT WOOD



**PP1125**  
LYON WALLNUT



**PP1126**  
APPLE WOOD



**PP1127**  
APPLE WOOD



**PP1128**  
CLASSIC PLANKET WALNUT



**PP1129**  
SONOMA OAK DARK



**PP1130**  
SONOMA OAK DARK



**PP1131**  
ACASIA DARK



**PP1132**  
ACASIA LIGHT



Prestige in  
every form

**ELITE**

Niche collection of patterns  
designed to calm, captivate,  
and elevate.



**PP1133**  
SHISHAM



**PP1135**  
COACHWOOD MEDIUM



**PP1136**  
COACHWOOD LIGHT



## ELITE



**PP1137**  
PLATEAU APPLE



**PP1138**  
PLATEAU APPLE



**PP1140**  
ASIAN WALNUT



**PP1141**  
ASIAN WALNUT



**PP1139**  
PLATEAU APPLE



**PP1142**  
ASIAN WALNUT

ELITE



**PP1143**  
ROLEX DARK



**PP1144**  
ROLEX LIGHT



**Versatile In  
Place of  
Exemplary**

Lavish forms of ease and  
excellence for sleek touch of  
exuberance.



**PP1145**  
CROSS LINE DARK



**PP1146**  
CROSS LINE LIGHT

## ELITE



Magnificent in place of  
opulent.



**PP1147**  
FOURSEASON



**PP1148**  
FOURSEASON



**PP1149**  
CYPRUS



**PP1150**  
CYPRUS



**PP1151**  
CYPRUS



**ELITE**



**PP1152**  
EUROPEAN WALNUT MEDIUM



**PP1153**  
EUROPEAN WALNUT LIGHT



**PP1154**  
SAWCUT DARK



**PP1155**  
BAVARIAN BEECH

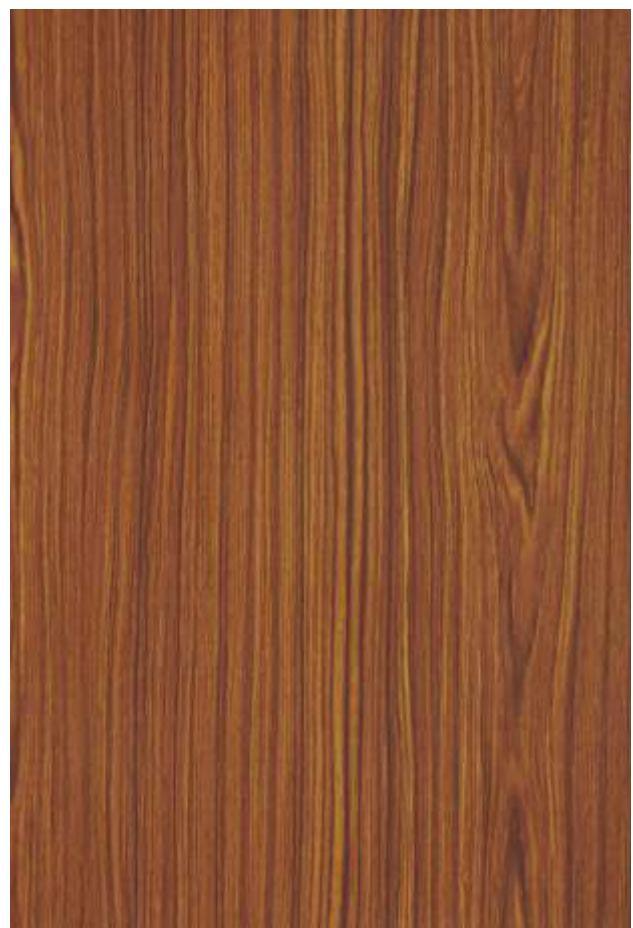


**PP1156**  
HIGHLAND PINE



**PP1157**  
OXFORD CHERRY

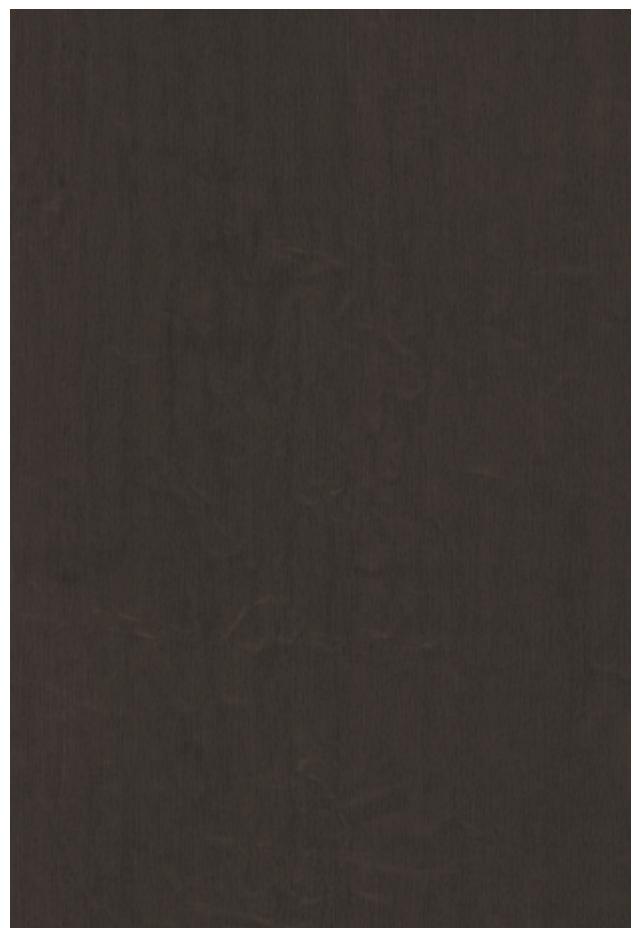
## ELITE



**PP1158**  
NAINA TEAK



**PP1159**  
REGAL ARCH



**PP1162**  
BL WENGE



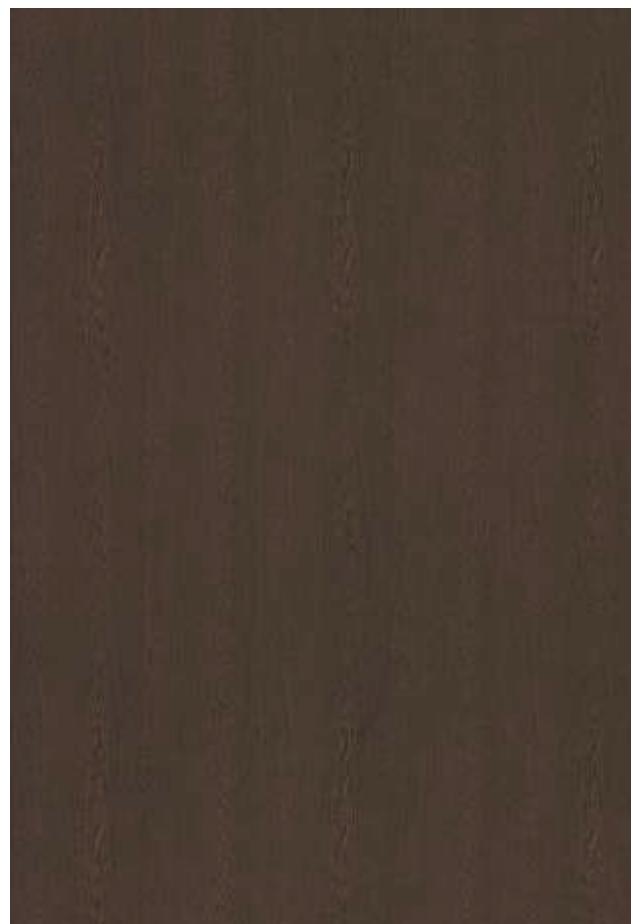
**PP1163**  
CH WENGE



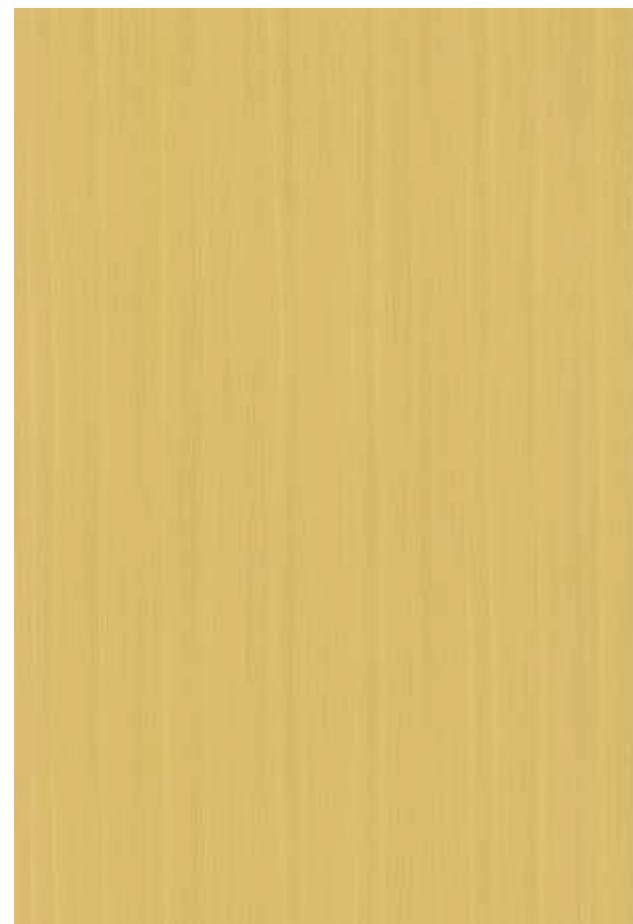
**PP1160**  
SINGLE CHERRY



**PP1161**  
ROSE WOOD



**PP1164**  
FL WENGE



**PP1165**  
ELEGANT TEAK

## ELITE



**PP1166**  
NATURAL OAK DARK



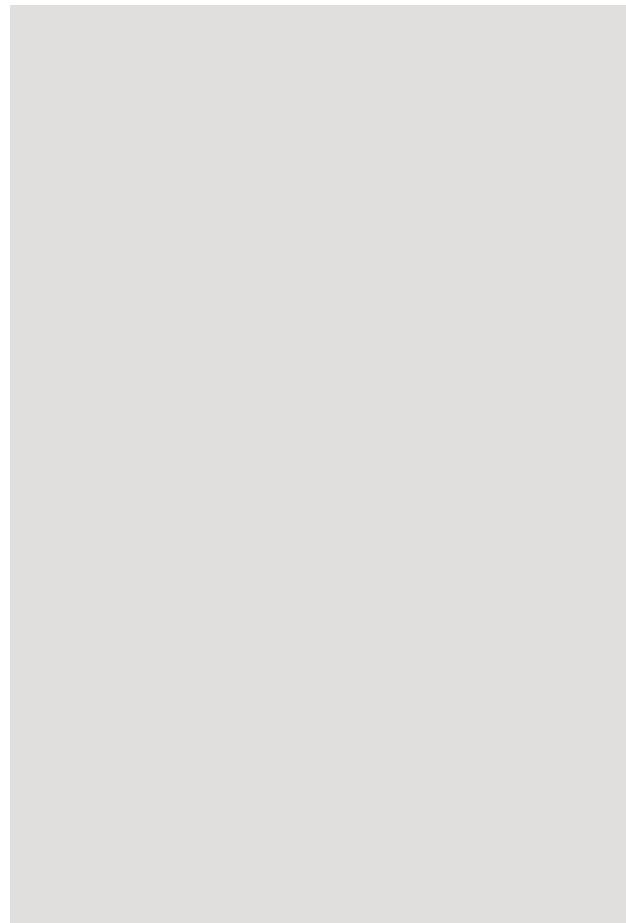
**PP1167**  
NATURAL OAK LIGHT



**PP1168**  
MIGHTY WOOD



**PP1170**  
CANADIAN LARCH



**PP1169**  
CAMALITEAK



PANELEX

# EARTH

Stunning marble reflecting Earth's rich colors and textures with a luxurious finish



**Modernity in  
every grain**



### EARTH SERIES

Feel special within an ambiance  
of gorgeous glamour.

**PP1102**  
EARTH SERIES SUPREME



Modish and niche style, each  
surface is a saga of splendor.



**PP1103**  
FROSTED STONE



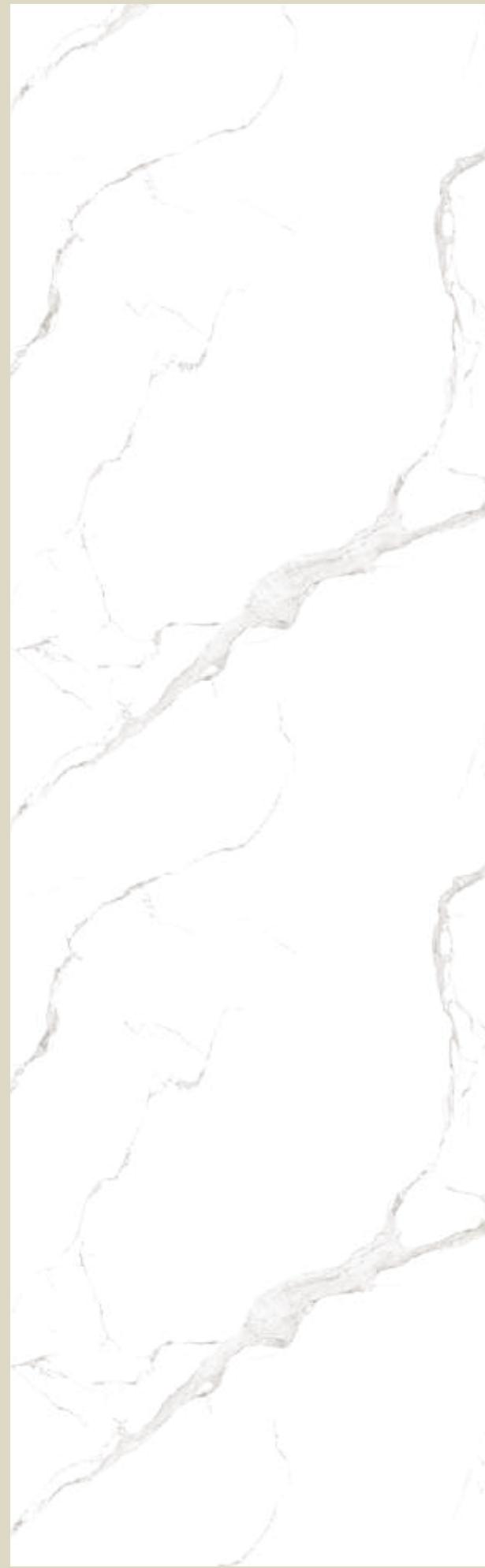
**PP1108**  
LUXE EARTH SERIES



## EARTH SERIES



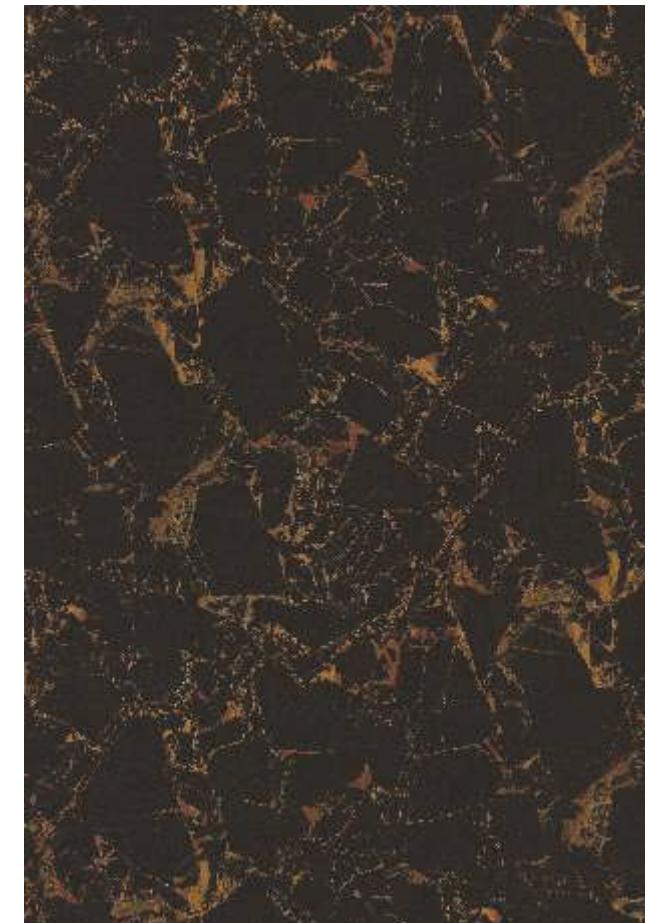
**PP1109**  
KISHANGARH EARTH SERIES



**PP1110**  
KISHANGARH EARTH SERIES

## Marvelous saga unfolds

Marvelous patterns of excellence and innovation, give your spaces the style it deserves.



**PP1111**  
BLACK PORTORO



**PP1112**  
TORINO EARTH SERIES



# LINO

realm for interiors of captivating  
realm of interiors of high end style.



PANELEX

## LINO SERIES



**PP1171**  
BLENDED FAB



**PP1172**  
BLENDED FAB



**PP1173**  
TWIST FAB



**PP1174**  
TWIST FAB



**PP1175**  
CAMBRIC

PANELEX

# OXFORD HUES



Hues that make you feel warm and comfortable, give your environment an inviting environment.



## Modern looks galore



### OXFORD HUES

Lively and vibrant, each shade tells a special story.



**PP303**  
SAND STONE



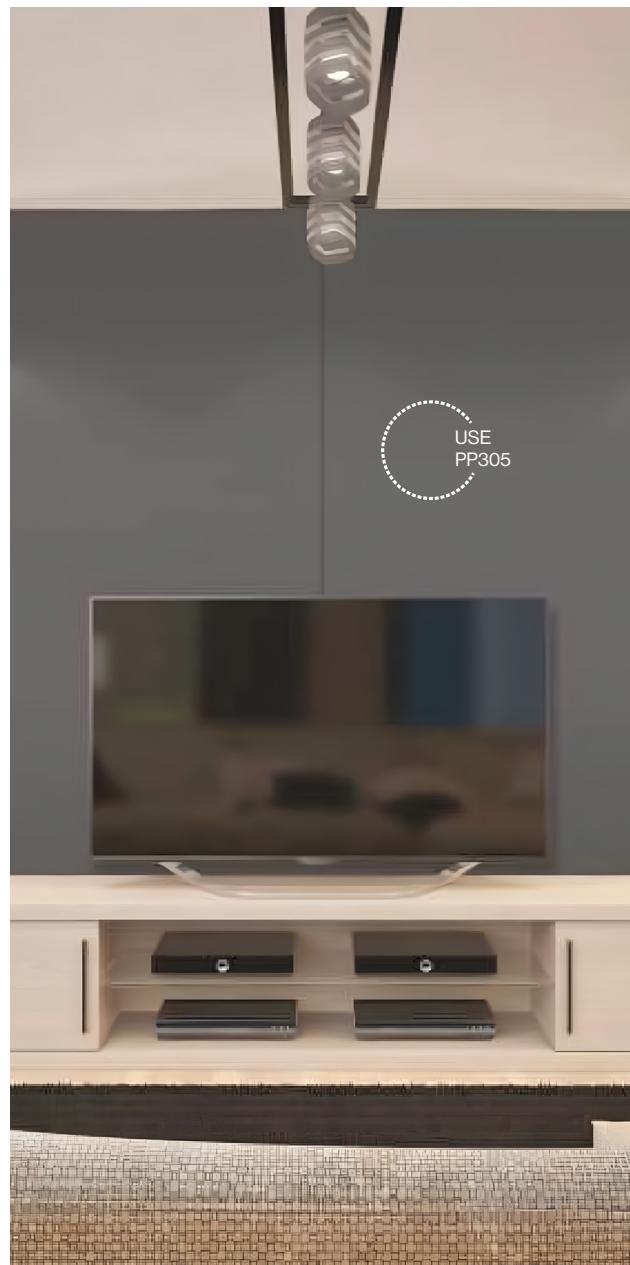
**PP304**  
TERMIT BEIGE



**PP305**  
IRON GREY



**PP301**  
OATMEAL



**PP306**  
SAGE



**PP307**  
SEAWEED



**PP302**  
COFFEE FOAM



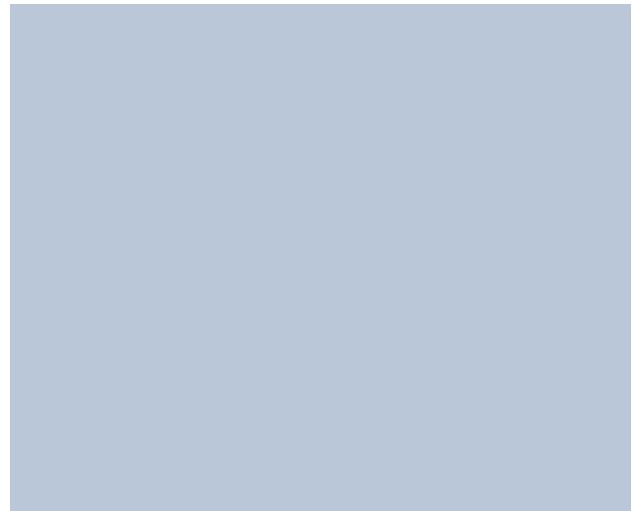
**PP308**  
PISTACHIO



**PP309**  
CELADON



## OXFORD HUES



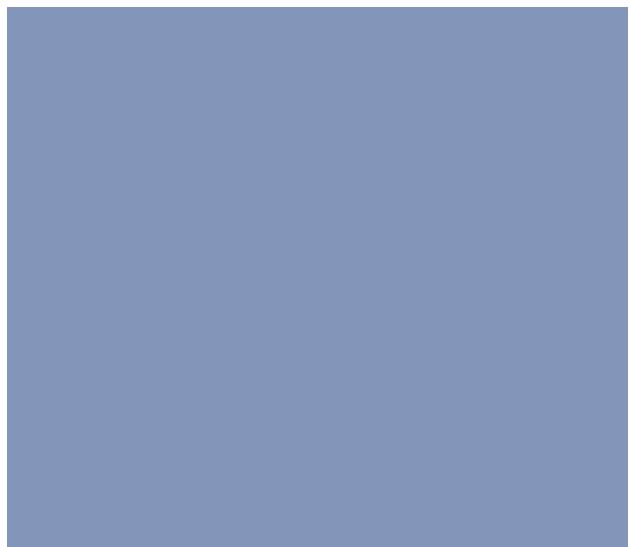
**PP310**  
SKYBLUE



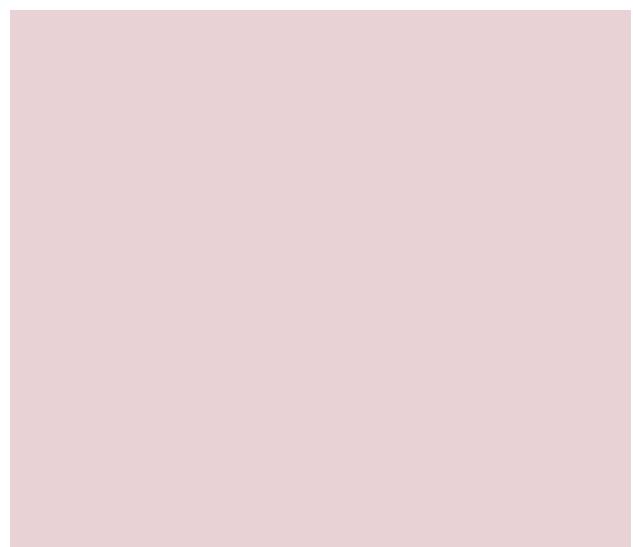
**PP311**  
PEWTER GREY



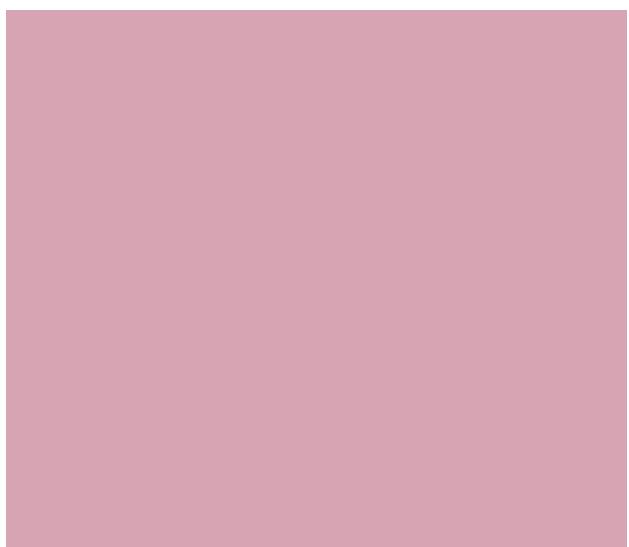
**PP312**  
GRAPHITE GREY



**PP313**  
SEABLUE



**PP314**  
LEMONADE



**PP315**  
BLUSH PINK



Vivacious and wonderful,  
choose gorgeousness.



**PP316**  
MAUVE



**PP317**  
GRAPE



**Feeling  
Of Elegance**





# HD

Subtle sophistication that gives  
way to spectacular designs.



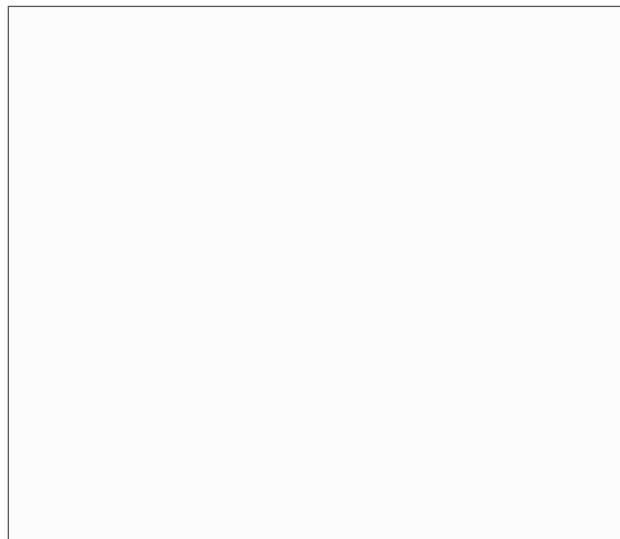
PANELEX

## Precise & Perfect



HD

Plush feel of designs for  
a modern environment  
of bliss.



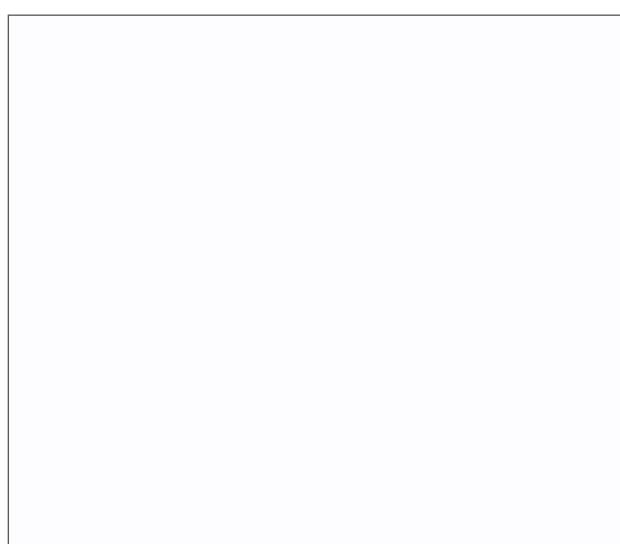
**PP201**  
ARCTIC WHITE



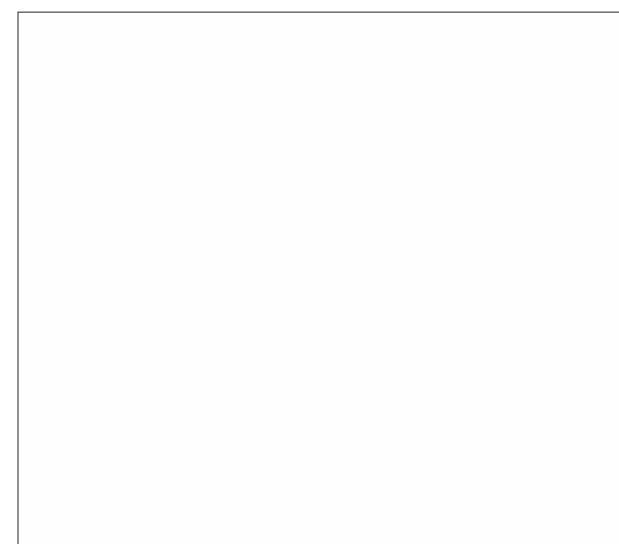
**PP204**  
DEEP IVORY



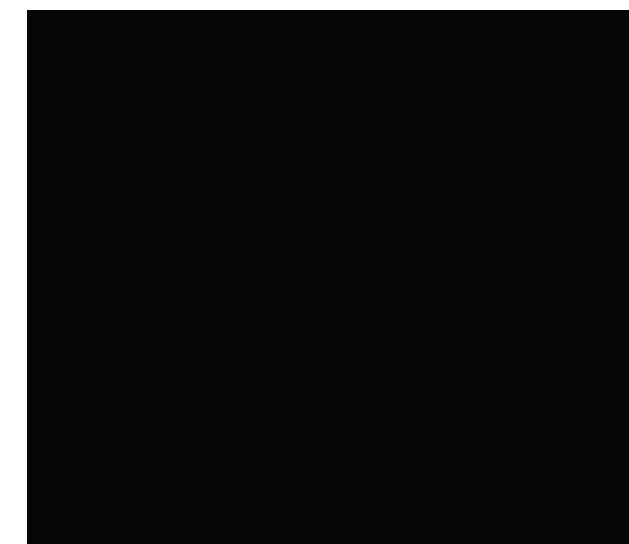
**PP206**  
GOTHIC GREY



**PP202**  
AQUA WHITE



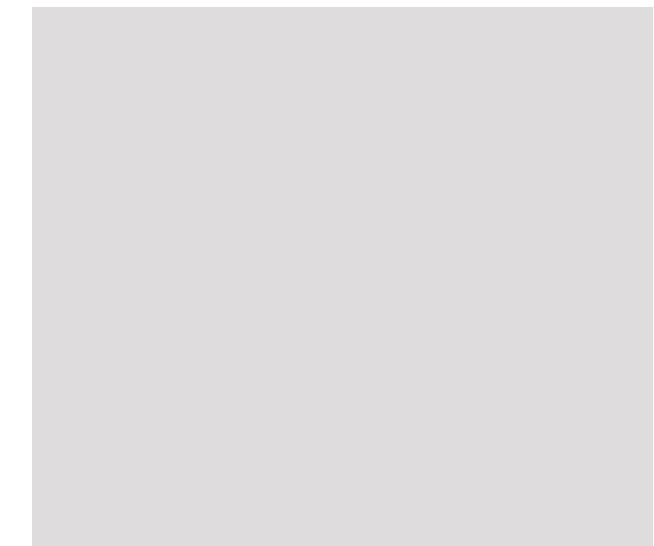
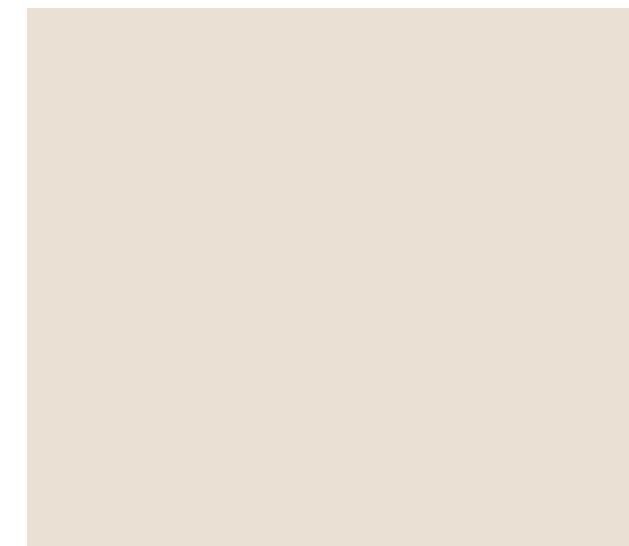
**PP203**  
POLAR WHITE



**PP208**  
BLACK



**PP209**  
BLUE



**PP205**  
SILVER GREY



**PP207**  
DARK GREY



### Conformity Test Report

Size: 2440x1220x17mm | Grade:- II | Type:- II | B No.-T1

#### Prelaminated Particle Board

| Sr. No | Design Code | Design Name            | Category | Page No. |
|--------|-------------|------------------------|----------|----------|
| 1      | PP1101      | FIYSIAN OAK            | ELITE    | 4        |
| 2      | PP1104      | RIMINI WALNUT          | ELITE    | 5        |
| 3      | PP1105      | RIMINI WALNUT          | ELITE    | 5        |
| 4      | PP1106      | SANDAL WOOD            | ELITE    | 6        |
| 5      | PP1107      | SANDAL WOOL            | ELITE    | 6        |
| 6      | PP1113      | RIVER OAK              | ELITE    | 7        |
| 7      | PP1114      | RIVER OAK              | ELITE    | 7        |
| 8      | PP1115      | VOLCANIC WOOD          | ELITE    | 8        |
| 9      | PP1116      | VOLCANIC WOOD          | ELITE    | 8        |
| 10     | PP1117      | BONBOY WOOD            | ELITE    | 9        |
| 11     | PP1118      | VIROLA WOOD            | ELITE    | 10       |
| 12     | PP1119      | VIROLA WOOD            | ELITE    | 10       |
| 13     | PP1120      | CARAMAL OAK            | ELITE    | 11       |
| 14     | PP1121      | SAPELI                 | ELITE    | 11       |
| 15     | PP1122      | GAINT WOOD             | ELITE    | 11       |
| 16     | PP1123      | GAINT WOOD             | ELITE    | 11       |
| 17     | PP1124      | SOFT WOOD              | ELITE    | 12       |
| 18     | PP1125      | LYON WALLNUT           | ELITE    | 12       |
| 19     | PP1126      | APPLE WOOD             | ELITE    | 13       |
| 20     | PP1127      | APPLE WOOD             | ELITE    | 13       |
| 21     | PP1128      | CLASSIC PLANKET WALNUT | ELITE    | 13       |
| 22     | PP1129      | SONOMA OAK DARK        | ELITE    | 14       |
| 23     | PP1130      | SONOMA OAK LIGHT       | ELITE    | 14       |
| 24     | PP1131      | ACASIA DARK            | ELITE    | 15       |
| 25     | PP1132      | ACASIA DARK            | ELITE    | 15       |
| 26     | PP1133      | SHISHAM                | ELITE    | 16       |
| 27     | PP1134      | COACHWOOD GREY         | ELITE    | 17       |
| 28     | PP1135      | COACHWOOD MEDIUM       | ELITE    | 17       |
| 29     | PP1136      | COACHWOOD LIGHT        | ELITE    | 17       |
| 30     | PP1137      | PLAIEAU APPLE          | ELITE    | 18       |
| 31     | PP1138      | PLATEAU APPLE          | ELITE    | 18       |
| 32     | PP1139      | PLATEAU APPLE          | ELITE    | 18       |
| 33     | PP1140      | ASIAN WALNUT           | ELITE    | 19       |
| 34     | PP1141      | ASIAN WALNUT           | ELITE    | 19       |
| 35     | PP1142      | ASIAN WALNUT           | ELITE    | 19       |
| 36     | PP1143      | ROLEX DARK             | ELITE    | 20       |
| 37     | PP1144      | ROLEX LIGHT            | ELITE    | 20       |
| 38     | PP1145      | CROSS LINE DARK        | ELITE    | 21       |
| 39     | PP1146      | CROSS LINE LIGHT       | ELITE    | 21       |
| 40     | PP1147      | FOUR SEASON            | ELITE    | 22       |
| 41     | PP1148      | FOUR SEASON            | ELITE    | 22       |
| 42     | PP1149      | CYPRUS                 | ELITE    | 23       |
| 43     | PP1150      | CYPRUS                 | ELITE    | 23       |
| 44     | PP1151      | CYPRUS                 | ELITE    | 23       |
| 45     | PP1152      | EUROPEAN WALNUT MEDIUM | ELITE    | 24       |
| 46     | PP1153      | EUROPEAN WALNUT LIGHT  | ELITE    | 24       |
| 47     | PP1154      | SAWCUT DARK            | ELITE    | 25       |
| 48     | PP1155      | BAVARIAN BEACH         | ELITE    | 25       |
| 49     | PP1156      | HIGHLAND PINE          | ELITE    | 25       |
| 50     | PP1157      | OXFORD CHERRY          | ELITE    | 25       |
| 51     | PP1158      | NAINA TEAK             | ELITE    | 26       |

| Sr. No | Design Code | Design Name       | Category     | Page No. |
|--------|-------------|-------------------|--------------|----------|
| 52     | PP1159      | REGALARCH         | ELITE        | 26       |
| 53     | PP1160      | SINGLE CHERRY     | ELITE        | 26       |
| 54     | PP1161      | ROSEWOOD          | ELITE        | 26       |
| 55     | PP1162      | BL WENGE          | ELITE        | 27       |
| 56     | PP1163      | CH WENGE          | ELITE        | 27       |
| 57     | PP1164      | FL WENGE          | ELITE        | 27       |
| 58     | PP1165      | ELEGANT TEAK      | ELITE        | 27       |
| 59     | PP1166      | NATURAL OAK DARK  | ELITE        | 28       |
| 60     | PP1167      | NATURAL OAK LIGHT | ELITE        | 28       |
| 61     | PP1168      | mighty wood       | ELITE        | 29       |
| 62     | PP1169      | CAMALI TEAK       | ELITE        | 29       |
| 63     | PP1170      | CANADIAN LARCH    | ELITE        | 29       |
| 64     | PP1102      | MARBLE SUPREME    | EARTH SERIES | 32       |
| 65     | PP1103      | FROSTED STONE     | EARTH SERIES | 33       |
| 66     | PP1108      | LUXE MARBLE       | EARTH SERIES | 33       |
| 67     | PP1109      | KISHANGARH MARBLE | EARTH SERIES | 34       |
| 68     | PP1110      | KISHANGARH MARBLE | EARTH SERIES | 34       |
| 69     | PP1111      | BLACK PORTORO     | EARTH SERIES | 35       |
| 70     | PP1112      | TORINO MARBLE     | EARTH SERIES | 35       |
| 71     | PP1171      | BLENDEN FAB       | LINO         | 38       |
| 72     | PP1172      | BLENDEN FAB       | LINO         | 38       |
| 73     | PP1173      | TWIST FAB         | LINO         | 39       |
| 74     | PP1174      | TWIST FAB         | LINO         | 39       |
| 75     | PP1175      | CAMBRIK           | LINO         | 39       |
| 76     | PP301       | OATMEAL           | OXFORD HUES  | 42       |
| 77     | PP302       | COFFEE FOAM       | OXFORD HUES  | 42       |
| 78     | PP303       | SANDSTONE         | OXFORD HUES  | 42       |
| 79     | PP304       | TERMIT BEIGE      | OXFORD HUES  | 43       |
| 80     | PP305       | IRON GREY         | OXFORD HUES  | 43       |
| 81     | PP306       | SAGE              | OXFORD HUES  | 43       |
| 82     | PP307       | SEAWEED           | OXFORD HUES  | 43       |
| 83     | PP308       | PISTACHIO         | OXFORD HUES  | 43       |
| 84     | PP309       | CELADON           | OXFORD HUES  | 43       |
| 85     | PP310       | SKUBLUE           | OXFORD HUES  | 44       |
| 86     | PP311       | MAXIMUM           | OXFORD HUES  | 44       |
| 87     | PP312       | SPRUCE            | OXFORD HUES  | 44       |
| 88     | PP313       | SEABLUE           | OXFORD HUES  | 44       |
| 89     | PP314       | LEMONADE          | OXFORD HUES  | 44       |
| 90     | PP315       | BLUSHPINK         | OXFORD HUES  | 44       |
| 91     | PP316       | MOUVE             | OXFORD HUES  | 45       |
| 92     | PP317       | GRAPE             | OXFORD HUES  | 45       |
| 93     | PP201       | ARCTEC WHITE      | HD           | 48       |
| 94     | PP202       | AQUA WHITE        | HD           | 48       |
| 95     | PP203       | POLARWHITE        | HD           | 48       |
| 96     | PP204       | DEEP IVORY        | HD           | 49       |
| 97     | PP205       | SILVER GREY       | HD           | 49       |
| 98     | PP206       | GOTHIC GREY       | HD           | 49       |
| 99     | PP207       | DARK GREY         | HD           | 49       |
| 100    | PP208       | BLACK             | HD           | 49       |
| 101    | PP209       | BLUE              | HD           | 49       |
| 102    |             |                   |              |          |

| Sr. No | Test  | Specified as per IS 12823:1990            | Result Obtained              |
|--------|---|---|------------------------------|
| 1      | Length (mm)   | 2440±5 mm                                 | 2442                         |
| 2      | Width (mm)  | 1220±5 mm                                 | 1221                         |
| 3      | Thickness (mm)  | 17±5% (16.15 to 17.85)                    | 17.4                         |
| 4      | Squareness (mm)   | 2mm/1000mm (0.2%)                         | 0.3mm                        |
| 5      | Edge Straightness (mm)  | 2mm/1000mm (0.2%)                         | 0.4mm                        |
| 6      | Density kg/m³   | Grade II (500-900) K9/m³                  | 623                          |
| 7      | Density Variation %   | (Max)±10%                                 | +1.3%                        |
| 8      | Moisture Content  | 5 to 15%                                  | 6.2                          |
| 9      | Water Absorption (max.)<br>a) 2 Hr<br>b) 24 Hrs   | 15.0%<br>30.0%                            | 8<br>19                      |
| 10     | Thickness Swelling (Max.)% 2 Hrs  | 8   | 6.9                          |
| 11     | Modulus of rupture (Min Av) N/mm²<br>Modulus of rupture (Min Ind) N/mm²<br>Modulus of Elasticity (Min Av) /mm²<br>Modulus of Elasticity (Min Ind) N/mm² | 11<br>10<br>2500<br>2200                  | 14.7<br>13.8<br>2854<br>2751 |
| 12     | Tensile Strength Perpendicular to Surface (min), N/mm²<br>a) After cyclic test<br>b) Arter accelerated water resistance                                 | 0.3<br>NA for Grade II<br>NA for Grade II | 0.81<br>NA<br>NA             |
| 13     | Screw Withdrawal Strenth (Min)<br>a) Face<br>b) Edge  | 1250<br>750                               | 1375<br>923                  |
| 14     | Abrasion Resistance (Min), In Number of Revolutions:  | 450                                       | 475                          |

### Conformity Test Report

#### Prelaminated Particle Board (2)

| Sr. No | Test                         | Required Value   | Result Obtained          |
|--------|------------------------------|--|--------------------------|
| 1      | Resistance to Steam          | The Specimen Shall Not Show Any Sign Of Blister, Delamination Or Change In Surface Finish. There May Be Slight Colour Change In Dark Colors/patterns | Withstood the test       |
| 2      | Resistance to crack          | The specimen shall not show any sign of cracks or delamination   | No crack or delamination |
| 3      | Resistance to cigarette burn | There shall not be left any mark or stain on Ae specimen after cleaning with water or solvent  | No mark or stain found   |
| 4      | Resistance to stain          | There shall not be left any stain on the specimen after cleaning with water, solvent or detergent  | No stain found           |

**Product Thickness & Size**

Type of Product

Raw Material

**:17.0mmx1220mmx2440mm**

:Hmr.pe2

:Mix(Acacia,Pine)

**Physical Properties Test Result**

| Properties                   | Test Method | Unit  | Test Result |
|------------------------------|-------------|-------|-------------|
| Thickness                    | EN 324      | mm    | 17.0        |
| Density                      | EN 323      | kg/m3 | 33          |
| Bending Strength             | EN 310      | N/mm2 | 2600        |
| Modulus of Elasticity        | EN 310      | N/mm2 | 0.85        |
| Internal Bond                | EN 319      | N/mm2 | 6.5         |
| Moisture Content             | EN 322      | %     | 8           |
| Thickness Swelling after 24h | EN 317      | %     | 1400        |
| Screw Withdrawal (Face)      | EN 320      | N     | 900         |
| Screw Withdrawal (Edge)      | EN 320      | N     |             |

**Product Thickness&Size**

Type of Product

Raw Material

**:17.0mmx1220mmx2440mm**

:Hmr.pE2

:Mix ( Acacia, Pine)

**Physical Properties Test Result**

| Properties                   | Test Method | Unit  | Test Result |
|------------------------------|-------------|-------|-------------|
| Thickness                    | EN 324      | mm    | 17.0        |
| Density                      | EN 323      | kg/m3 | 32          |
| Bending Strength             | EN 310      | N/mm2 | 2400        |
| Modulus of Elasticity        | EN 310      | N/mm2 | 0.7         |
| Internal Bond                | EN 319      | N/mm2 | 6.3         |
| Moisture Content             | EN 322      | %     | 22          |
| Thickness Swelling after 24h | EN 317      | %     | 1450        |
| Screw Withdrawal (Face)      | EN 320      | N     | 890         |
| Screw Withdrawal (Edge)      | EN 320      | N     |             |

**Product Thickness&Size**

Type of Product

Raw Material

Color

**:17.0mmx1220mmx2440mm**

:Hdhmr

:Mix ( Acacia, Pine)

:Green

**Physical Properties Test Result**

| Properties                   | Test Method | Unit  | Test Result |
|------------------------------|-------------|-------|-------------|
| Thickness                    | EN 324      | mm    | 17+_0.2     |
| Density                      | EN 323      | kg/m3 | >_800       |
| Bending Strength             | EN 310      | N/mm2 | >_38        |
| Modulus of Elasticity        | EN 310      | N/mm2 | >_3100      |
| Internal Bond                | EN 319      | N/mm2 | >_1.25      |
| Moisture Content             | EN 322      | %     | 5.5 - 6.5   |
| Thickness Swelling after 24h | EN 317      | %     | <_8.0       |
| Screw Withdrawal (Face)      | EN 320      | N     | >_1880      |
| Screw Withdrawal (Edge)      | EN 320      | N     | >_1320      |

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