



# SKYDECOR<sup>®</sup>

EXTERIOR CLADDING



MADE IN  
**INDIA**

EXCLUSIVE  
COLLECTION  
**2024-25**

Skydecor  
**Shield**



Skydecor began its journey in the year 2016 with a goal to reach beyond the sky limits. With over 50,000 sq. meters of Infrastructure area and state of the art machinery, we aim to expand and develop at every stage. Our manufacturing units are in Greater Noida and Hapur where we manufacture PVC Laminates, Acrylic Laminates and Decorative Laminates. Our Operational Headquarters is in Noida and Experience Center in Kirti Nagar.

Boasting a legacy of a decade, Skydecor Laminates offers to revitalize the space around you. Our collections offer limitless possibilities for an interior space to look stylish and refined. From solids to textures, from naturals to eternal, our laminates come in a wide variety of designs and patterns.

As a socially and environmentally responsible company, Skydecor also prioritizes sustainability in our design practices. We strive to incorporate eco-friendly materials, energy-efficient solutions, and sustainable practices wherever possible, contributing to a greener and more sustainable future.

Our team follows a collaborative approach, working closely to ensure smooth project management, timely execution, and impeccable finishing. We believe by developing a large dealer network in India, Skydecor has left its footprints around our country. Our team works with clients to understand their vision, preferences, and requirements, ensuring that each project reflects their individuality and exceeds their expectations. We pay meticulous attention to detail, incorporating the latest design trends, materials, and technologies to create inspiring and functional spaces.

Researching and developing a wide range of laminate designs with the utmost quality and at affordable prices has become our key goal for customer satisfaction. Explore Skydecor's Laminates collection to design your interiors according to your specifics.

SDC - 30314

# VISUAL GUIDE

## FEATURES



**Warranty**



**Fire Retardant**



**Eco-Friendly**



**All Weather Resistant**



**Anti-Termite**



**Anti-Dust**



**Anti-Graffiti**



**Anti-Bacterial**



**Corrosion Resistant**



**Moisture Resistant**



**Chemical Resistant**



**UV Resistant**



**Easy to Install**



**Impact Resistant**



**Easy to Clean**

# VISUAL GUIDE



 **SKYDECOR**<sup>®</sup>  
EXTERIOR CLADDING

Skydecor  
 Shield 





OASIS



SDC - 30321  
AUSTRAMONDO



SDC - 30324  
RECLAIMED WALNUT



SDC - 30320  
BORNEO BROWN



SDC - 30314  
NOVOCENO PINE



SDC - 40404  
SANDSTONE DARK



SDC - 40403  
SANDSTONE BROWN



SDC - 30324  
RECLAIMED WALNUT



SDC - 40413  
RUSTIC FERROUS



SDC - 30307  
RAYA OAK LIGHT



SDC - 10115  
BLACK



SDC - 10135  
DARK GREY



SDC - 30314  
NOVOCENO PINE



SDC - 30312  
CALIFORNIA ELM



SDC - 40414  
MOLTEN GRANITE





SDC - 30322  
ORLANDO WALNUT



SDC - 10116  
SILVER GREY

 **HOSPITAL**

 **EMERGENCY**



**SDC - 10206**  
DESIGNER WHITE



**SDC - 40405**  
DARK TRAVERTINE



**SDC - 10126**  
TOMATINO FLAMINGO



**SDC - 10204**  
IVORY





SDC - 40406  
TRAVERTINE BEIGE



SDC - 10117  
RED



SDC - 30324  
RECLAIMED WALNUT



SDC - 30314  
NOVOCENO PINE



## APPLICATION AREAS

- SOFFIT & PILLARS
- PARTITION WALL
- PARAPET WALL
- BOUNDARY WALLS & FENCE
- RECESSED WINDOW
- VENTILATED FACADES
- BALCONY
- MAIN GATE
- OUTDOOR FURNITURE
- PUBLIC FACILITIES
- PLAYGROUND FACILITIES
- SPORTS FACILITIES ETC.



## BENEFITS OF SKYDECOR SHIELD EXTERIOR CLADDING

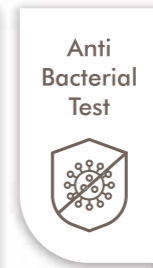
|                           | Hardwood | ACP | Glass | Stone | Tile | Skydecor Shield |
|---------------------------|----------|-----|-------|-------|------|-----------------|
| Fire Retardant            | ✗        | ✗   | ✓     | ✓     | ✓    | ✓               |
| Easy to Maintain          | ✗        | ✓   | ✗     | ✗     | ✓    | ✓               |
| Quick & Easy Installation | ✓        | ✓   | ✗     | ✗     | ✓    | ✓               |
| Durability                | ✗        | ✗   | ✗     | ✓     | ✓    | ✓               |
| Ant-Graffiti              | ✗        | ✗   | ✗     | ✗     | ✗    | ✓               |
| Energy Efficient          | ✗        | ✗   | ✗     | ✗     | ✗    | ✓               |
| Chemical Resistant        | ✗        | ✗   | ✗     | ✗     | ✗    | ✓               |
| Anti-Dust                 | ✗        | ✗   | ✗     | ✗     | ✗    | ✓               |
| Corrosion Resistant       | ✗        | ✗   | ✗     | ✗     | ✗    | ✓               |
| Customisable              | ✗        | ✗   | ✗     | ✗     | ✗    | ✓               |



“ WE ARE THE ONLY COMPANY MANUFACTURING ALL KINDS OF LAMINATES IN INDIA.

THE “MADE IN INDIA” BRAND TO DRIVE ECONOMIC GROWTH & SUSTAINABILITY. ”

# CERTIFICATIONS



IS : 2046



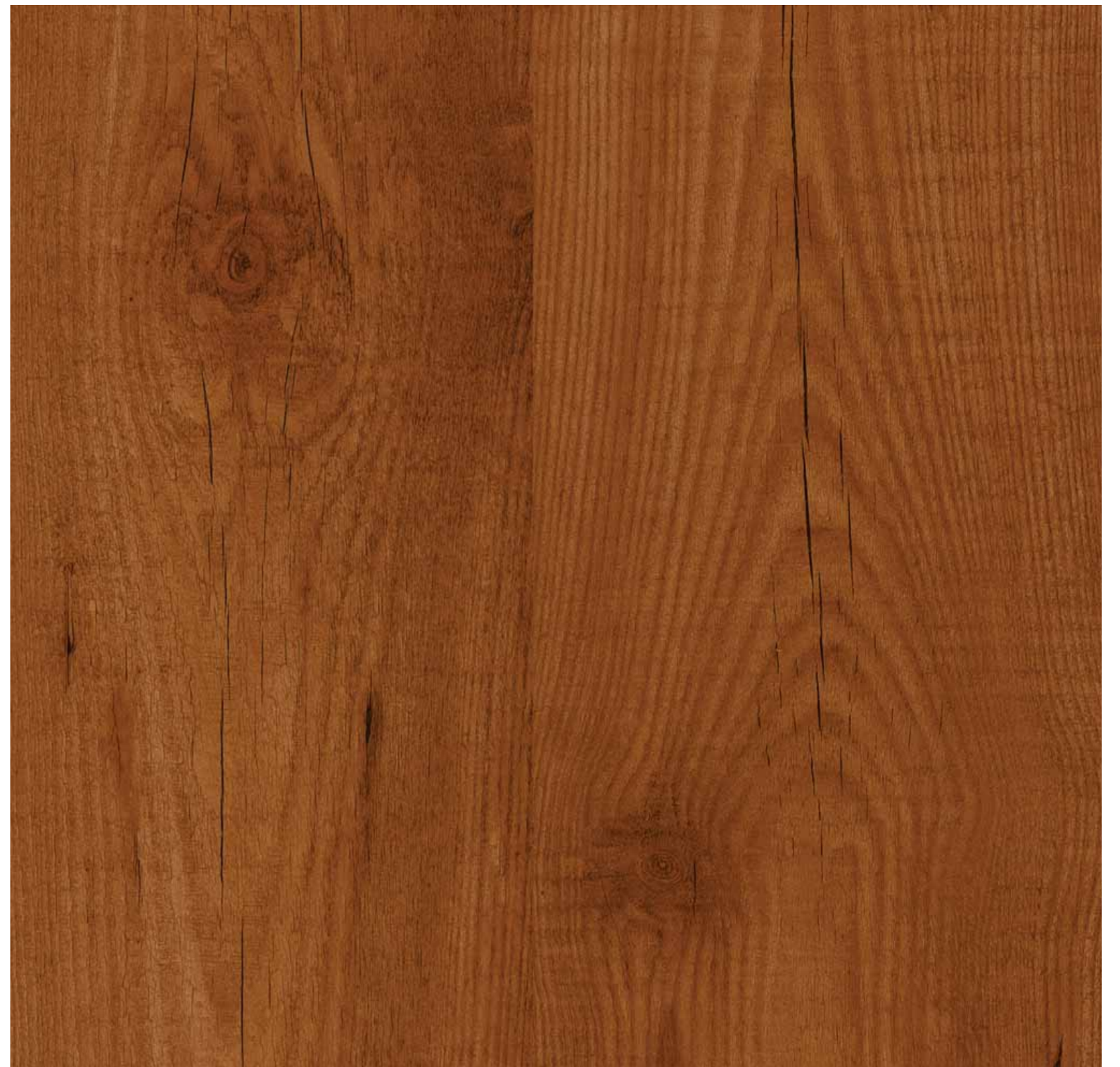
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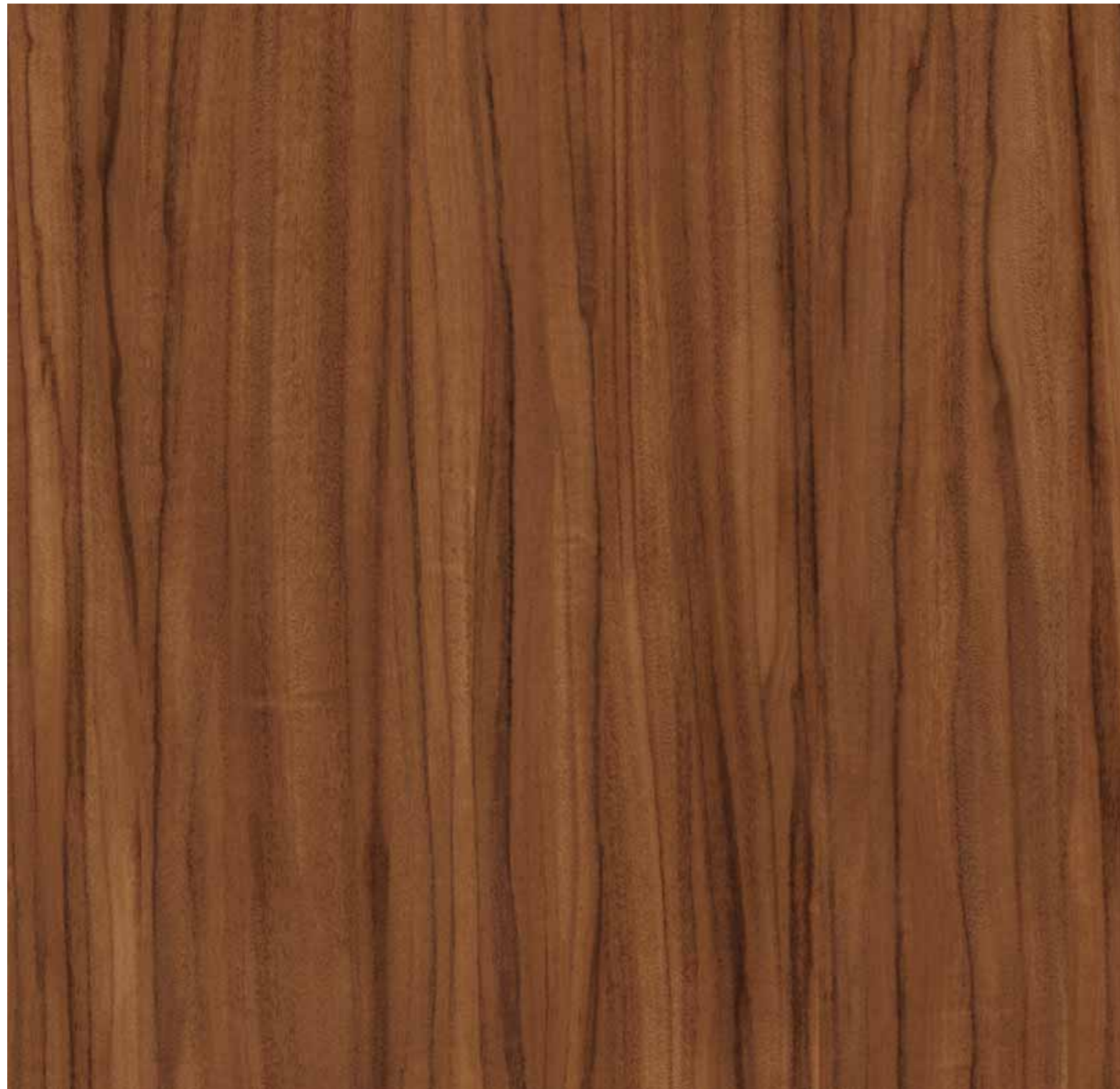
E X T E R I O R C L A D D I N G

## NATURAL WOODS




SDC - 30314  
NOVOCENO PINE

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 SDC - 30324  
RECLAIMED WALNUT

 SDC - 30323  
WALNUT DARK BROWN

E X T E R I O R C L A D D I N G




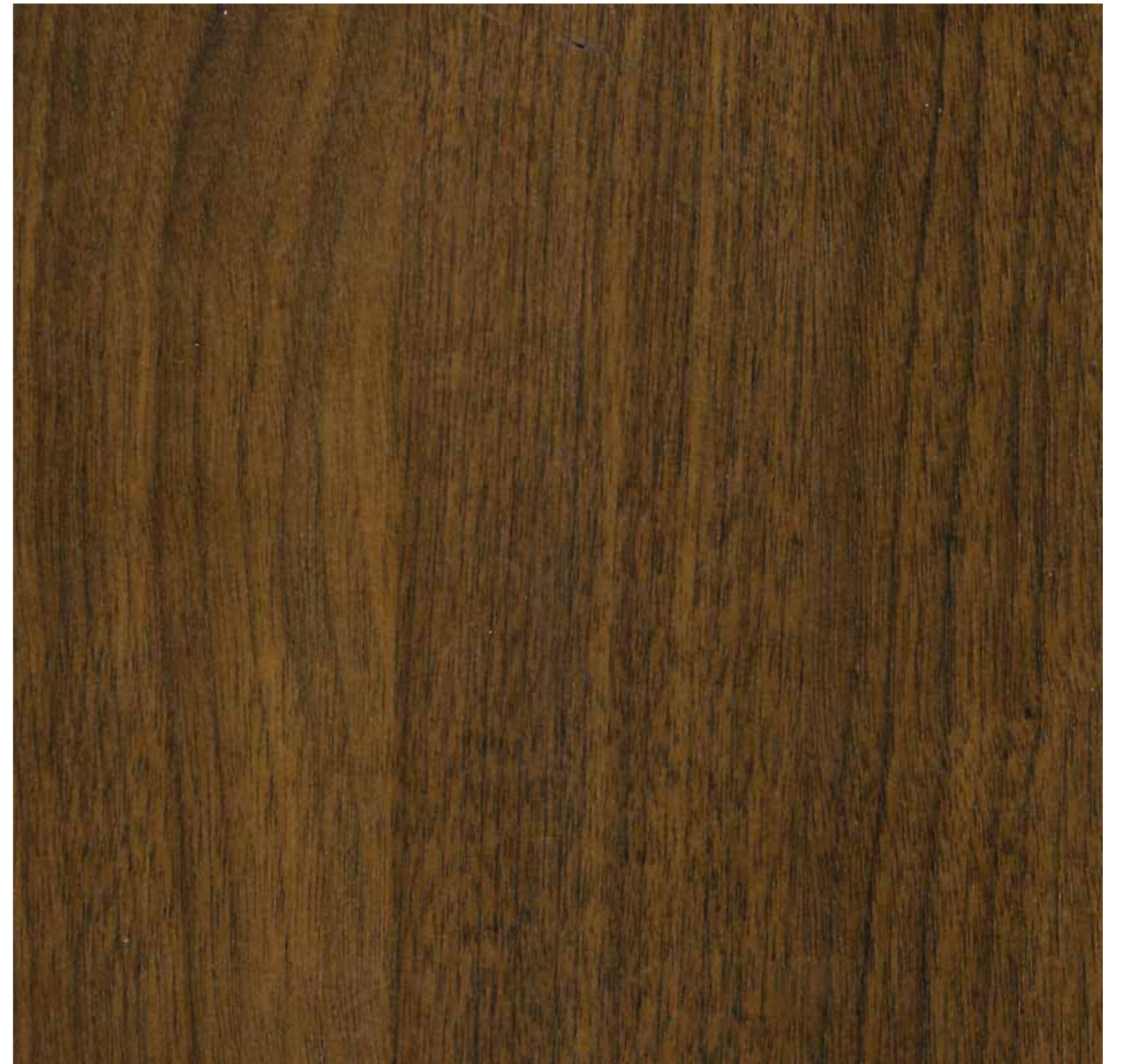
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RAYA OAK LIGHT


 SDC - 30306  
RAYA OAK DARK

E X T E R I O R C L A D D I N G

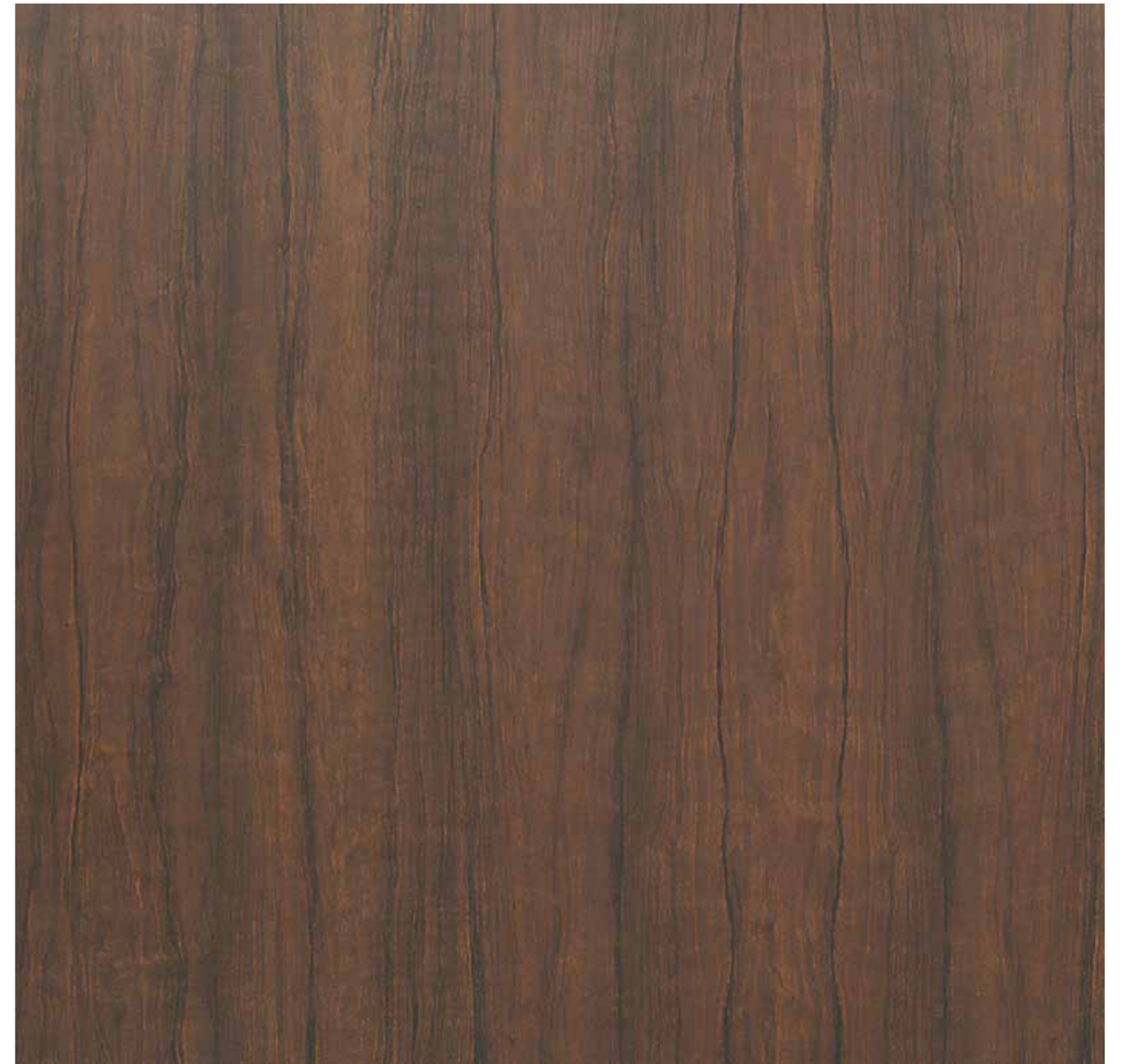


 SDC - 30312  
CALIFORNIA ELM



 SDC - 30310  
DARK BROWN OAK

E X T E R I O R C L A D D I N G



SDC - 30322  
ORLANDO WALNUT

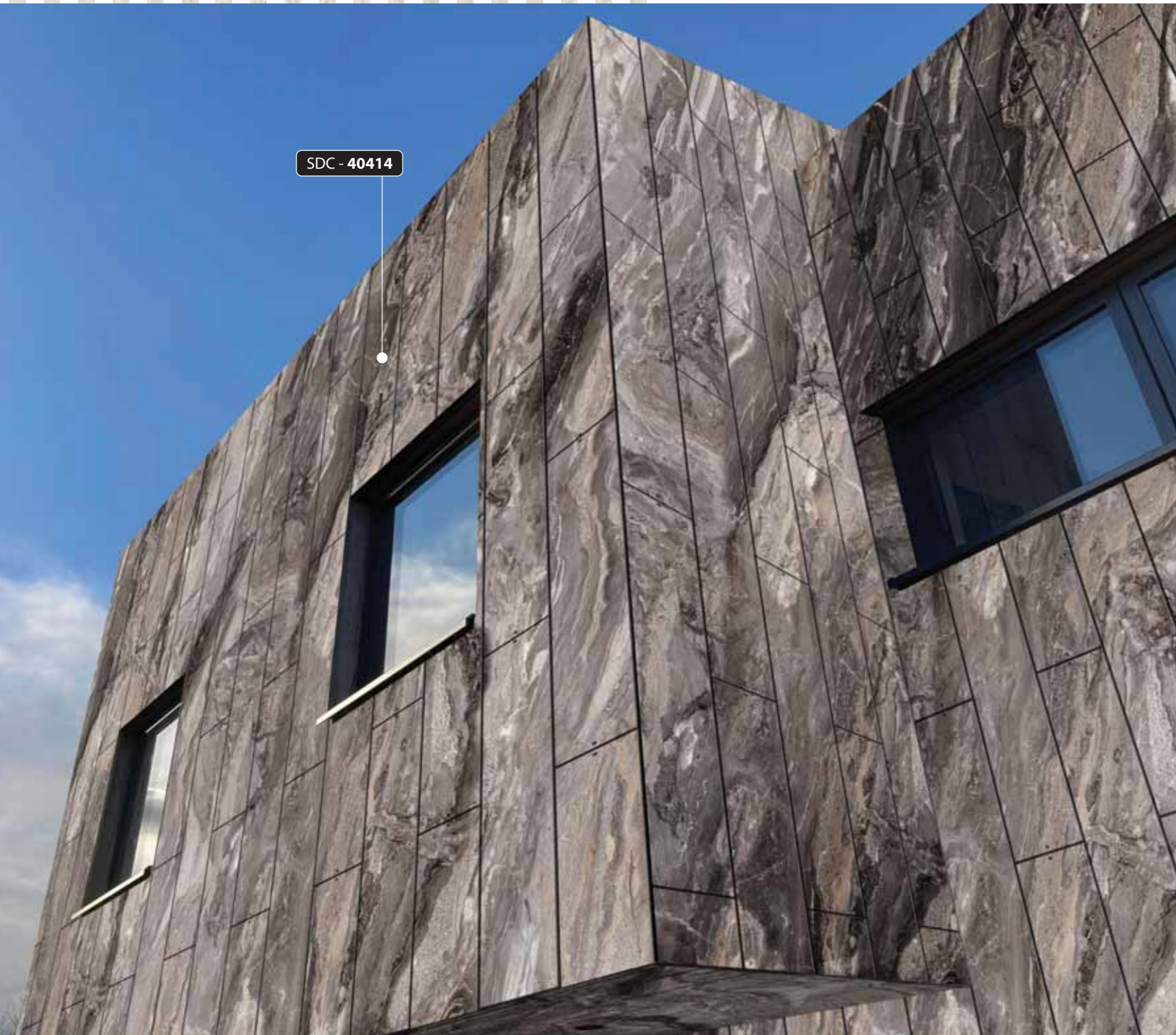
E X T E R I O R C L A D D I N G



 SDC - 30320  
BORNEO BROWN



 SDC - 30321  
AUSTRAL MONDO



SDC - 40414

E X T E R I O R C L A D D I N G


EXCLUSIVE STONES



SDC - 40414  
MOLTEN GRANITE

E X T E R I O R C L A D D I N G



 SDC - 40403  
SANDSTONE BROWN



 SDC - 40404  
SANDSTONE DARK

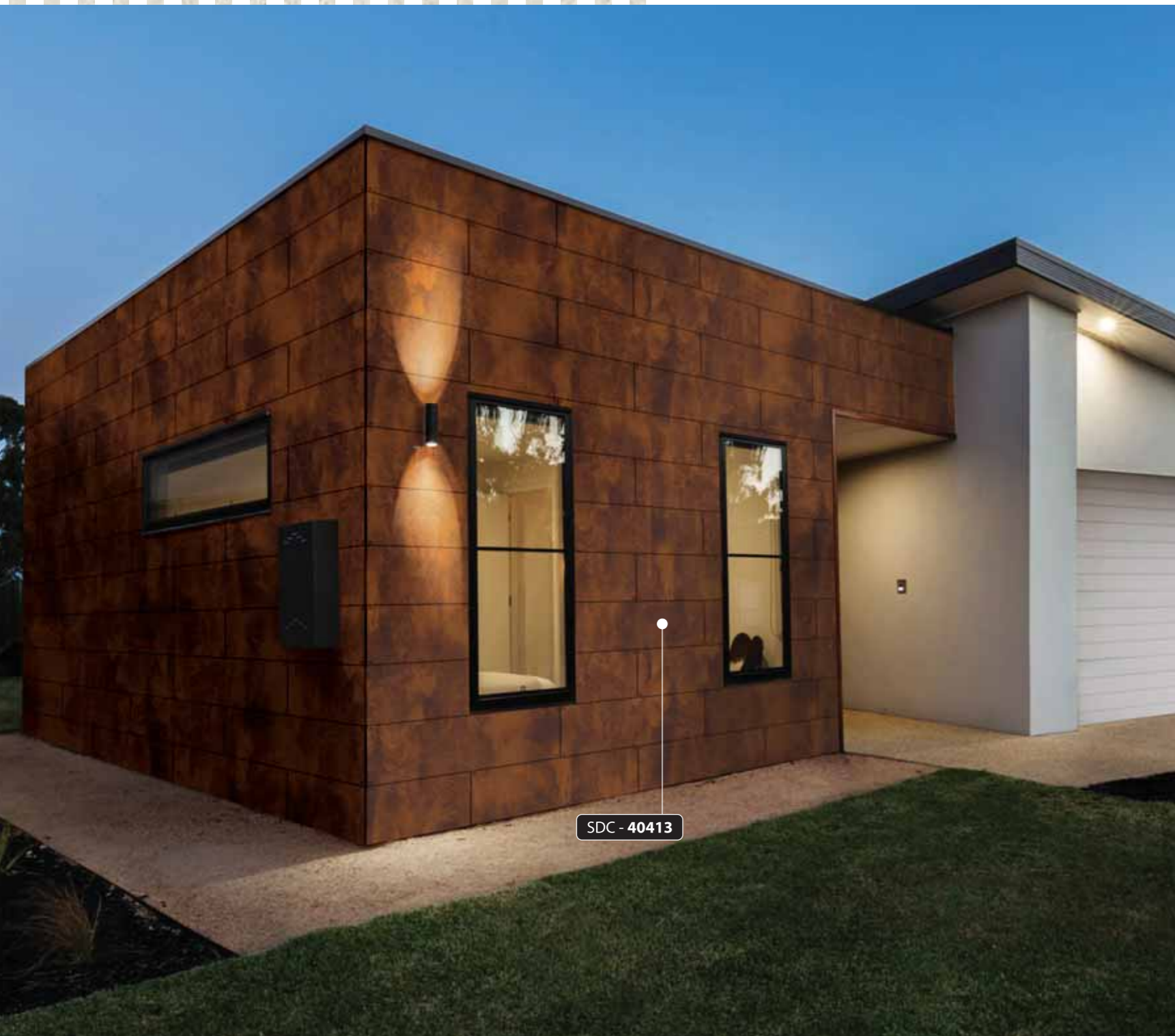
E X T E R I O R C L A D D I N G



 SDC - 40407  
LAVA STONE LIGHT



 SDC - 40409  
LAVA STONE DARK



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EXCLUSIVE STONES




SDC - 40413  
RUSTIC FERROUS

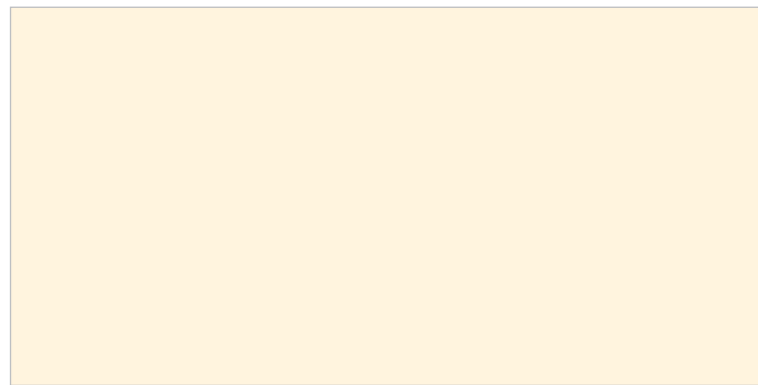
E X T E R I O R C L A D D I N G



 SDC - 40406  
TRAVERTINE BEIGE



 SDC - 40405  
DARK TRAVERTINE



 **SDC - 10204**  
IVORY



 **SDC - 10128**  
PASTEL BLUE



 **SDC - 10126**  
TOMATINO FLAMINGO



 **SDC - 10135**  
DARK GREY

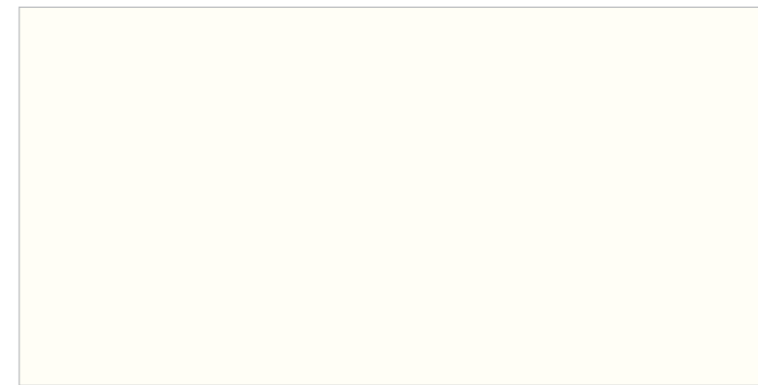


 **SDC - 10117**  
RED



 **SDC - 10115**  
BLACK

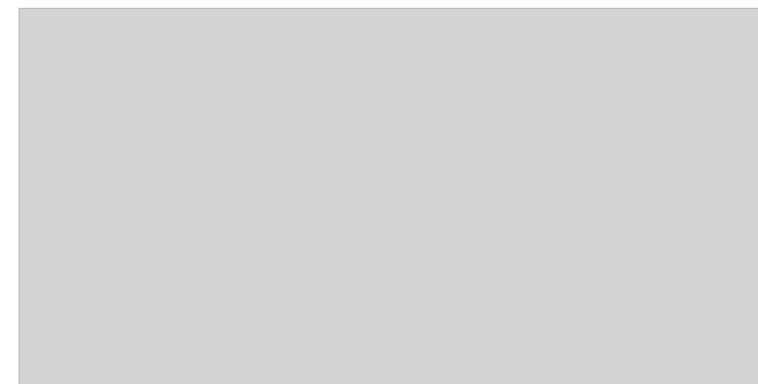
## SOLIDS



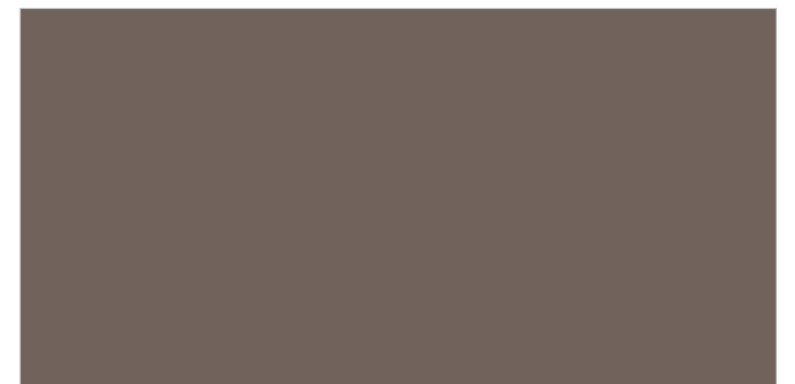
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DESIGNER WHITE




 **SDC - 10111**  
BEIGE



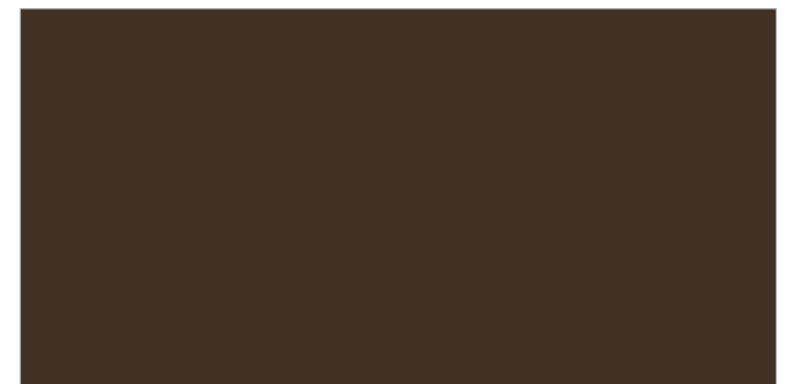
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SILVER GREY



 **SDC - 10132**  
COFFEE BROWN

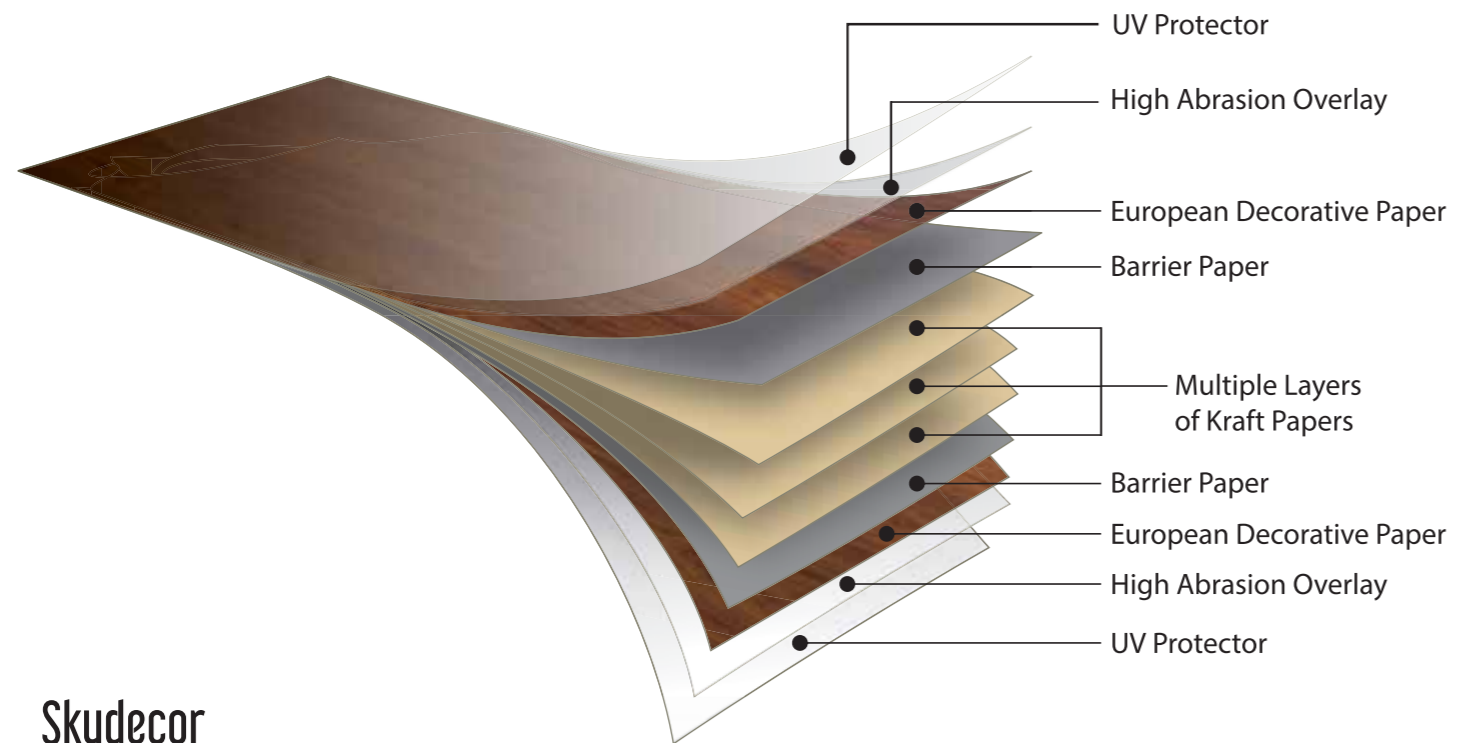


 **SDC - 10136**  
CHARCOAL



 **SDC - 10112**  
CHOCOLATE

**PRODUCT STRUCTURE**



**Skydecor**  
**Shield**

**Sheet Size : 8' x 4' (2440mm X 1220mm)**  
**Sheet Thickness : 6mm**  
**Thickness Tolerance : ±5%**  
**Finish : SUEDE**

E X T E R I O R C L A D D I N G

**EASY METHODS TO INSTALL SKYDECOR SHIELD EXTERIOR CLADDING**

**ADHESIVE**

In this method we use a 3M adhesive to fix the panel. We get a clean look and it is cheaper also while compare to others.



**ADHESIVE**

**RIVETED**

In this method we use a powder-coated rivet. It is a more trusted and tested method. By using this method the panels become strong and durable.



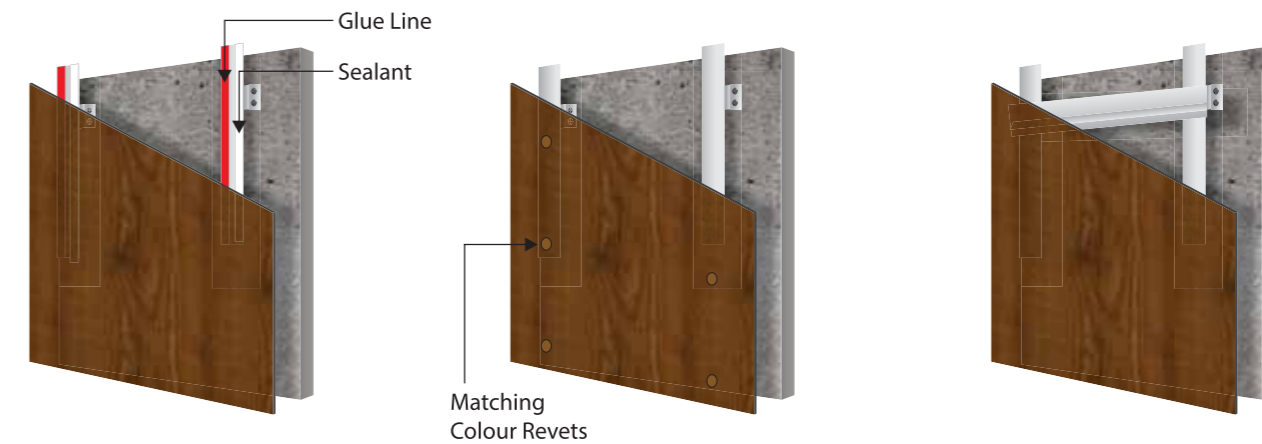
**RIVETED**

**Z-CLIP**

In this method we use Imported channels for fixing the panels which makes it easy to install and easy to replace if required.



**Z-CLIP**



# TECHNICAL SPECIFICATIONS

| Properties                                    | Unit                            | Test Method as per EN 438 Part 2 : 2016 | Specified Values as per EN 438 Part 6: 2016  | Skydecor Shield Results |
|---|---------------------------------|---|--|-------------------------|
| <b>Physical &amp; Dimensional Properties</b>  |                                 |   |  |                         |
| Classification                                | EN 438-6- 4                     |   | Exterior Severe Use Flame Retardant Grade, Edf   |                         |
| Surface Quality (Dirt, Spots etc.)            | mm <sup>2</sup> /M <sup>2</sup> | EN 438-6, 5.2.4                         | 2.0 (max)  | Complies                |
| Fibers, Hairs & Scratches etc.,               | mm/M <sup>2</sup>               |   | 20.0 (max)   | Complies                |
| Thickness & Maximum Variation                 | mm                              | EN 438-2 – 5                            | 2.0 ≤ t < 3.0 : ± 0.20<br>3.0 ≤ t < 5.0 : ± 0.30<br>5.0 ≤ t < 8.0 : ± 0.40<br>8.0 ≤ t < 12.0 : ± 0.50<br>12.0 ≤ t < 16.0 : ± 0.60<br>16.0 ≤ t < 20.0 : ± 0.70<br>20.0 ≤ t < 25.0 : ± 0.80<br>25.0 ≤ t: As agreed | Complies                |
| Length & Width                                | mm                              | EN 438-2 – 6                            | +10mm /-0mm  | +5mm /-0mm              |
| Flatness                                      | mm/M                            | EN 438-2 – 9                            | 2,0 ≤ t < 6,0 : 8.0<br>6,0 ≤ t < 10,0 : 5.0<br>10,0 ≤ t : 3.0  | Complies                |
| Edges Straightness                            | mm/M                            | EN 438-2 – 7                            | 1.5 (max)  | ≤ 1                     |
| Edges Squareness                              | mm/M                            | EN 438-2 – 8                            | 1.5 (max)  | Complies                |
| Density                                       | g/cm <sup>3</sup>               | EN ISO 1183 -1 :2004                    | 1.40   | 1.45                    |
| Dimensional Stability at Elevated Temperature |                                 | EN 438-2 – 17                           |  |                         |
| a) Longitudinal                               | %                               |   | 0.30(max.)   | 0.18                    |
| b) Transverse                                 | %                               |   | 0.60 (max)   | 0.38                    |

## Mechanical Properties

|  |                 |        |                |       |
|--|-----------------|--------|----------------|-------|
| Resistance to Wet Conditions,                  | EN 438-2 : 15   |        |                |       |
| Increase in Mass                               |                 | %      | 6.0 (max)      | 2     |
| Surface Rating                                 |                 | Rating | 4 (min)        | 5     |
| Edge Rating                                    |                 | Rating | 3 (min)        | 3     |
| Resistance to Impact by Large Diameter Ball    |                 |        |                |       |
| Drop Height                                    | EN 438-2 -22    | mm     | 1800           | 2000  |
| Diameter of Indentation                        |                 | mm     | 10 (max)       | 7     |
| Flexural Strength                              | EN ISO 178:2003 | Mpa    | 80 (min)       | 100   |
| Flexural Modulus                               | EN ISO 178:2003 | Mpa    | 9000(min)      | 10700 |
| Thermal Conductivity                           | EN 12524:2000   | W/M*K  | No Requirement | 0.24  |
| Resistance to Fixing (Screw Pull Out Strength) | ISO 13894-1; 9  | N      | 2000 (min)     | Meets |

## Light Fastness & Weather Resistance

|   |               |   |   |            |
|---|---------------|---|---|------------|
| Resistance to Climatic Shock  |               |   |   |            |
| a) Flexural Strength Index  | EN 438-2 : 19 | Rating                                    | Appearance -4 (min)                                 | 4          |
| b) Flexural Modulus Index   |               | Rating                                    | Ds – 0.80 (min)                                     | Meets      |
|   |               | Rating                                    | Dm – 0.80 (min)                                     | Meets      |
| Resistance to Artificial Weathering Including Light Fastness, After 650 MJ/M <sup>2</sup> Radiant Exposure, (for Over 3500 Hours of Exposure) | EN 438-2-29   | Rating (after 3000 Hours as per Standard) | Grey Scale contrast-3 (min)<br>Appearance- 4 (min.) | 3~4<br>4~5 |
| Resistance to UV Light, after 1500 Hours Exposure   | EN 438-2-28   | Rating                                    | Grey Scale Contrast-3 (min)<br>Appearance- 4 (min.) | 3~4<br>4~5 |

| Properties  | Unit   | Test Method   | Specified Values                | Skydecor Shield Results |
|---|--|---------------|---------------------------------|-------------------------|
| <b>Fire Performance</b>   |  |               |                                 |                         |
| Reaction to Fire  | EN 13501-1-2017  | Euro Class    | ≥ 6.0mm -B-s2, d0               | B-s1, d0                |
| Surface spread of flame   |  | Class         | A                               | A                       |
| Flame Spread Index  | UL 723   | Index         | 0-25                            | Meets                   |
| Smoke Development Index   |  | Index         | 0 – 450                         | Meets                   |
| Calorific Value   | ISO 1716: 2010   | MJ/ Kg        | 19.91 (max)                     | Meets                   |
| <b>Health Characteristics</b>   |  |               |                                 |                         |
| Anti-Bacterial Efficacy & Activity  |  |               |                                 |                         |
| % Reduction in 24 hours   | JIS 2801-2012  | %             | 95.0 (min)                      | 99.99                   |
| Activity After 24 hours   |  | Log Reduction | 2.0 (min)                       | Exceeds                 |
| Anti-Fungus Efficacy  |  |               |                                 |                         |
| Growth After 28 days  | ASTM G-21-2015   | Class         | 1                               | 0 (No Growth)           |
| <b>Corrosion Resistance</b>   |  |               |                                 |                         |
| Resistance to Corrosion with 5% Sodium Chloride Spray                       |  | Hours         | 500 Minimum (Industry standard) | Exceeds 700             |
|   | ASTM B 117   |               |                                 |                         |
| Resistance to acid rains (of 10% HCl)                                       | In House   | Hours         | None                            | 24                      |
| <b>Sound Insulation Characteristics In Building &amp; Building Elements</b> |  |               |                                 |                         |
| Sound Transmission Class (STC)  | IS: 9901 (Part III)-1981,<br>DIN: 52210 Part 1-1983<br>ISO: 10140 (Part II)/ ASTM – E - 90 | Class         | No Specification                | 28                      |

Note : Skydecor products are manufactured thoroughly to standards. The values given above are to the best of knowledge but without liability/warranty, expressed or implied.

## CLEANING AND MAINTENANCE

It's very easy to maintain Skydecor Shield Exterior Cladding - Dirt can be removed simply by wiping with a dampened cloth or sponge. More stubborn staining can be handled with a suitable household detergent. The UV-resistant panels may be cleaned with alcohol based cleaners, but it's always good practice to test-clean an unobtrusive area before undertaking complete cleaning. Products containing abrasives are not recommended for use with Skydecor Shield Exterior Cladding. Pressure washing presents no problems, the jet should be directed from the bottom to top of each panel then laterally at a distance of 20:30 cm, finishing with a rinse of clean water. Jet wash pressure should not exceed 100 bar and water temperature should be no higher than 90-100°C.

This is most easily done as follows: for cleaning purposes, use unsoiled, warm water, clean cloth or rags, and soap (housework-related cleaners which are sold in shops). Avoid scouring substances.

Although the adhesion of inks/paints is very low on the Skydecor Shield Exterior Cladding, we recommend, not to clean the surface dry or by using any tools. The risk of damaging the top special polymeric surface is too high. Alternatively, solvent cleaners could be used for removing varnishes, paint sprays (graffiti), and other similar stains and marks.

## TRANSPORT AND HANDLING

Once installed, Skydecor Shield Exterior Cladding offer exceptional durability, but in storage and handling surfaces and edges can be damaged if handled without care. The panels are supplied with foil protection covering, but it's recommended that when stacking dust and larger particles should be removed from between the panels. Panels should be stacked with thicker ones at the bottom, lighter panels towards the top, and care should be taken not to overload the stack. The panels should be secured against slipping against each other in transit and handling, and the protective foil should not be exposed to continual direct sun or heat.

### Points to remember:

- Skydecor Shield Exterior Cladding must be secured against slippage during transport.
- When loading or unloading, the panels must be lifted not dragged.
- Do not push or pull them over the edge.

Handle Skydecor Shield Exterior Cladding with care in order to not damage the edges of surfaces. Despite the excellent surface hardness and the installation protection film, the stack weight of Skydecor Shield Exterior Cladding can cause a possible damage.

Installation protection films must always be removed from both the surfaces immediately after the installation.

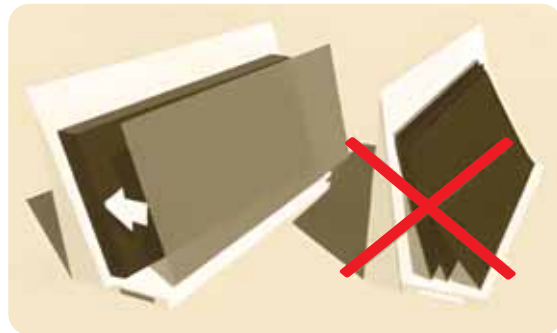
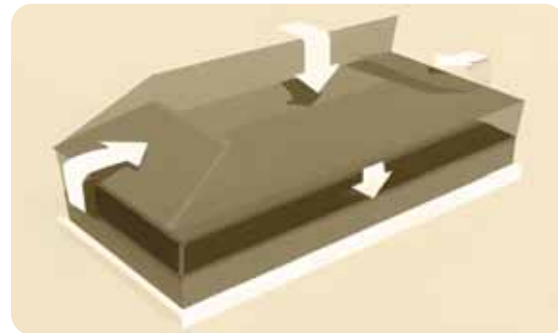
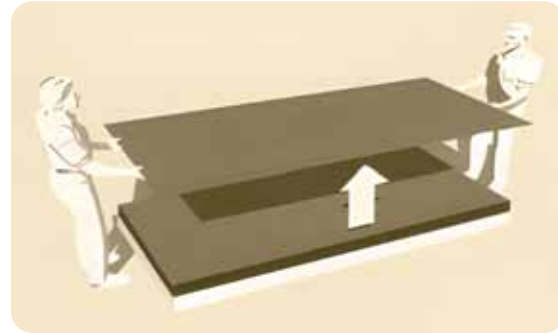
| DOS  | DON'TS   |
|--|--|
| Ensure storage of Skydecor Claddings in dry, clean, frost-free and enclosed warehouses where normal interior conditions (18°C 30°C and 50%-65% relative humidity) are maintained.  | Don't stack the pallets in open yards, expose the stacks to sunlight and rainfall directly till they are fabricated and installed.   |
| Cover the top board of each stack with a moisture barrier/cover board with sufficient weight to remain flat and in contact with the whole surface area of the top.   | Don't allow Skydecor Shield Exterior Claddings to rest on moisture absorbing supports like paper, cloth, or gunny bags. The base board must be dry, and should ideally be covered with a material impervious to water, to act as a moisture barrier. |
| The Skydecor Claddings or cut panels must be stored on a rigid and levelled surface that ensures support all across the full surface area of the panels or panels as the case may be.  | Don't keep Skydecor Shield Exterior Cladding full sheets or cut panels in a leaning position against walls, supports, or board stacks. This would cause the panels to warp.  |
| Skydecor Cladding will remain flat when stored horizontally in packs on a flat base board with their edges flush with one another.   | Failure to store Skydecor Shield Exterior Claddings flat for any length of time can cause deformation which is almost impossible to rectify.   |
| Allow time for the stack of the Compact panels or the cut panels for conditioning at the fabrication site and allow them to reach equilibrium with the environment.  | Don't attempt to fix the panels immediately after cutting and routing. This can lead to warp or twist. Allow them to condition in the environment for few hours.   |
| Peel coat: <ul style="list-style-type: none"> <li>- Try and keep the protection peel coat film till the installation is complete to avoid scratches, surface stains, dust, etc.</li> <li>- In case it is required to remove the protection peel coat film, please ensure that the film applied on both sides is removed at the same time.</li> </ul> | Peel coat: <p>Never keep one side's film intact and remove the film from the other surface. This causes imbalance in the panel and can lead to warp.</p>   |

## STORAGE AND CARE

Skydecor Shield Exterior Cladding must be stacked horizontally on flat, stable supports and supporting panels. The goods must lie completely flat. After removal of the panels, PE films must be closed over the stack again. The same applies, in principle, to the stack of cut panels.

Incorrect storage can lead to permanent deformation of the panels. Skydecor Shield Exterior Cladding are to be stored in closed rooms under normal climatic conditions, duly wrapped with PE film. Climate differences on the two surfaces of a panel are to be avoided.

- Stacking of Skydecor Shield Exterior Cladding should be done up to 250mm in height (numbers may vary depending on the thickness of the panel).
- Stacking should be done on a raised sturdy platform.
- Ensure covering film after pulling out the required number of sheets systematically.



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| 25                      | SDC - 10128 | SF     | PASTEL BLUE       | 31       |
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| 28                      | SDC - 10136 | SF     | CHARCOAL          | 32       |
| 29                      | SDC - 10204 | SF     | IVORY             | 31       |
| 30                      | SDC - 10206 | SF     | DESIGNER WHITE    | 32       |

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