



pinnacle

BEYOND GLASS
ANTI SCRATCH



1.5MM
PREMIUM
ACRYLIC
LAMINATES

2021
VOLUME
ONE



1.5MM PREMIUM ACRYLIC LAMINATES

2021
VOLUME
ONE



Beyond Glass

ANTI SCRATCH

COLLECTION

Available in Size : 2440mm x 1220mm (8 Feet x 4 Feet)

Thickness : 1.5 mm

(+/-10% Variation)

APPLICATIONS

- Kitchen • Work tops • Tables • Doors • shelves • Cabinets • Trolleys
- Bathroom • Work Tops • Shelves • Cabinets • Furniture • Heathcare
- Wall Lining and Horizontal Surfaces • Lockers • Cabinets • Trolleys
- Commercial • Hospitality & Restaurant Tables • Counter Tops • Doors
- Cubicles • Lockers • Cabinets • Wall Cladding & Partition

GENERAL USE & CARE GUIDE

PINNACLE laminates are manufactured with aesthetics and durability in mind. When used as recommended and with appropriate care, our laminates will last through the years. **PINNACLE** laminate are easy to maintain.

LAMINATES

- Cleaning Should be done with water and a clean, non-abrasive cloth.
- To remove more stubborn stains, use mild household cleansers like colin IP gently wipe down with a non-abrasive cloth.
- Avoid the use of abrasive liquid cleansers, bleaching compounds or solution as these may damage the surface of the laminate.
- Do not place hot cookware directly on the laminate. Prolonged exposure to temperatures above 30° degree Celsius may cause damage to the laminate surface.
- Do not use the laminate for purposes that it is not intended for (E.g. do not iron, chop, hammer or expose the laminate to open flame.)
- Outdoor application of the laminate with exposure to direct sunlight and weather conditions are strict not recommended.
- UV rays may deshape the laminate.
- Gloss surfaces are recommended only for vertical application.
- Do not use thinner and loluene on the surface of the **PINNACLE** laminates. this may cause decourisation of the surface.
- Store the laminates at temperature below 30° degree celsius.
- Typically confirm to internationally recognize technical standards.
- Have a thickness balance of +/- 10%
- Peel off the protective film after processing.



THE WAYS YOU CAN ENJOY THE ROYALNESS OF PINNACLE LAMINATE TO MAKE YOUR DREAMS ALIVE IN SMART WAY.

To avoid the problems of appearing air bubbles and any yellow colour/dullness or yellow patches problem in the laminate sheet after installation of PINNACLE laminate, Customer should know the some facts befor buying PINNACLE laminate.

As PINNACLE laminate is 6H Acrylic laminate which have the scratch resistance characteristic and looks like back painted glass or colour lamination

Please Follow some fact about installation of PINNACLE laminate.

- Please check the laminate at the time of delivery, check whether it was not damage in transportation & handling and then use for installation.
- Before installing PINNACLE laminate make sure that sustrate (Plywood MDF, Particle Board) is good and superior quality of calibrated thickness and even surface.
- If there is usage of any inferior quality or not as per standard quality dipped plywood and dipped lipping patti, kindly scrub dipped colour layer by using sand paper. Then use PINNACLE laminate to avoid yellow colour patches.
- Clean the surface of substrate (Plywood, MDF, Particle Board) to make free from dust of grease by cloth, soft brush, sponge or sand paper.
- Always use water base PVACP (Polyethylene Vinyl-Acetate Co-Polymer) Adhesive like PINNACLE BOND for PINNACLE laminate.
- Stir the adhesive before using it, and do not mix water in adhesive.
- Spread the adhesive uniformly by brush, roller or adhesive spreader on both PINNACLE laminate and substrate (Plywood, MDF, Particle Board).
- Please do not use the PINNACLE laminate more than 4 Ft x 2 Ft Also leave at least 2mm of groove. between two pieces of PINNACLE laminate, so that at the time of pressing it will be easy for removing air from between of PINNACLE laminate and substrate (Plywood, MDF, Particle Board)
- Use soft pinch roller or normal pressing technique at the time of pressing PINNACLE laminate on the substrate (Plywood, MDF, Particle Board). And also pressing should be done from the middle of the panel and move towards to side line and corners of panel. So that air between the PINNACLE laminate and substrate (Plywood, MDF, Particle Board) will Removed.
- Please make sure, to give sufficient amount of pressing to PINNACLE Laminate for almost 12hrs to 15hrs to achieve full bonding strength.
- Please do not use synthetic rubber adhesive (SR, JAT Pat, Bostic, Heatxetc.)
- After the installation of PINNACLE Laminate please avoid the direct sunlight on it.
- Please don't place hot cookware dictly on the PINNACLE Laminate. Prolonged exposure to temperature above 30°C may cause patches to PINNACLE Laminate.



IMPORTANT INFORMATION

WHY AIR BUBBLE APPEARS IN BETWEEN ACRYLIC LAMINATE AND SUBSTRATE (PLYWOOD, MDF, PARTICLE BOARD) AFTER THE INSTALLATION?

There are many reasons which lead to air bubble problems are follow as:

- Bonding of Acrylic laminate under high humidity atmosphere
- Using of water base sytheliaeasin adhesive or other than PVACP (Polyethylene Vinyl Acetate Co-polymer) adhesive may also lead to air bubble after the installation Acrylic laminate.
- Many of time due to uncertain weather conditions Substrate (Plywood, MDF, Particle Board) absorbed moisture. After few days of installation Acrylic laminate on substrate, substrate gradually loses moisture. The moisture is the result of air bubble between Acrylic laminate and substrate after installation
- Using odd uneven surface Substrate (Plywood, MDF, Particle Board) Lead to debone at particular area of Acrylic laminate sheet and air bubble appear at that area after the installation
- When more than 4'X 2' of Acrylic laminate is used for paneling, it can lead to air bubble after installation
- Lack of pressing and short period of pressing at the time of bonding period of Acrylic laminate also lead to air bubble after the installation of Acrylic laminate.
- PINNACLE sheets should be kept evenly Straight. if the sheets are in roll form it Should kept straight for minimum 48 hours and then you can press and laminate on the surface for better results.

WHY YELLOW PATCHES AND COLOUR FADE PROBLEM APPEARS AFTER THE INSTALLATION OF ACRYLIC LAMINATE?

The reason behind this problem is as follows :

- When Acrylic laminate experiences or faces direct fall of sunlight on it which leads to discolouring, fading and yellowness in laminate.
- Using of interior quality or not as per standard quality dipped plywood & dipped lipping patti may lose the colour due to chemical reaction between adhesive at the time of bonding period and yellow patches appear after the installation.
- Using synthetic rubber adhesive (SR / JatPat, Bostic, Heatex) lead to colour patches on Acrylic laminates.
- Prolonged exposure temperature above 30° cor placing hot cookware directly on the Acrylic laminates cause patches on Acrylic laminates surface.



PL - 9301



PL - 9302



PL - 9303



PL - 9304

There can be colour variation in material from different batches, It is advised to use same batch material to avoid colour variations. Actual colours of the laminate sheet may vary from this brochure.





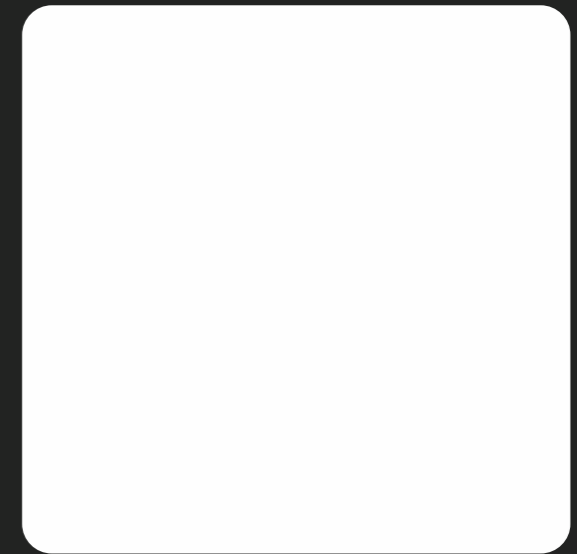
USED LAMINATE
PL - 9305



PL - 9306



PL - 9305



PL - 9101



PL - 9201

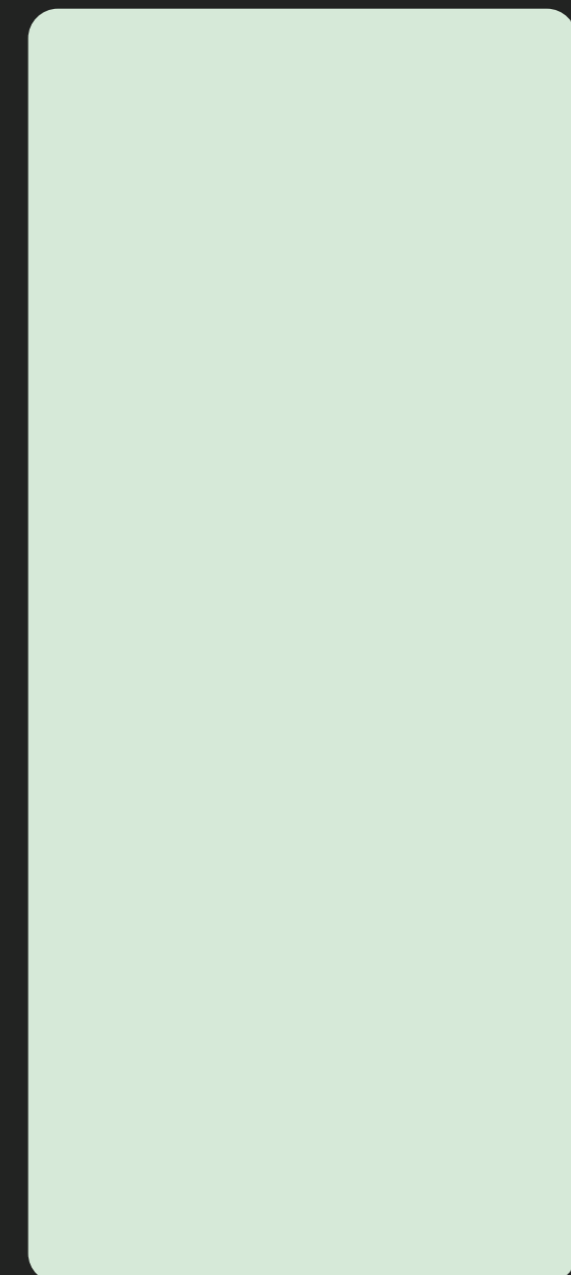
There can be colour variation in material from different batches, It is advised to use same batch material to avoid colour variations. Actual colours of the laminate sheet may vary from this brochure.



“Design is not
thing you do.
It’s
a way of life.”



USED LAMINATE
PL - 9112



PL - 9115



PL - 9112



PL - 9117



PL - 9116

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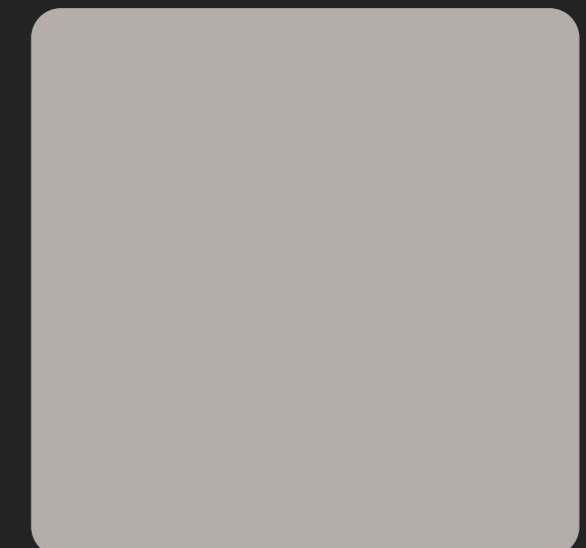
PL - 9219



PL - 9209



PL - 9213



PL - 9208

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ANTISCRATCH
6H
 HARDNESS
 ACRYLIC
 LAMINATE

100%
 PURE
 ACRYLIC

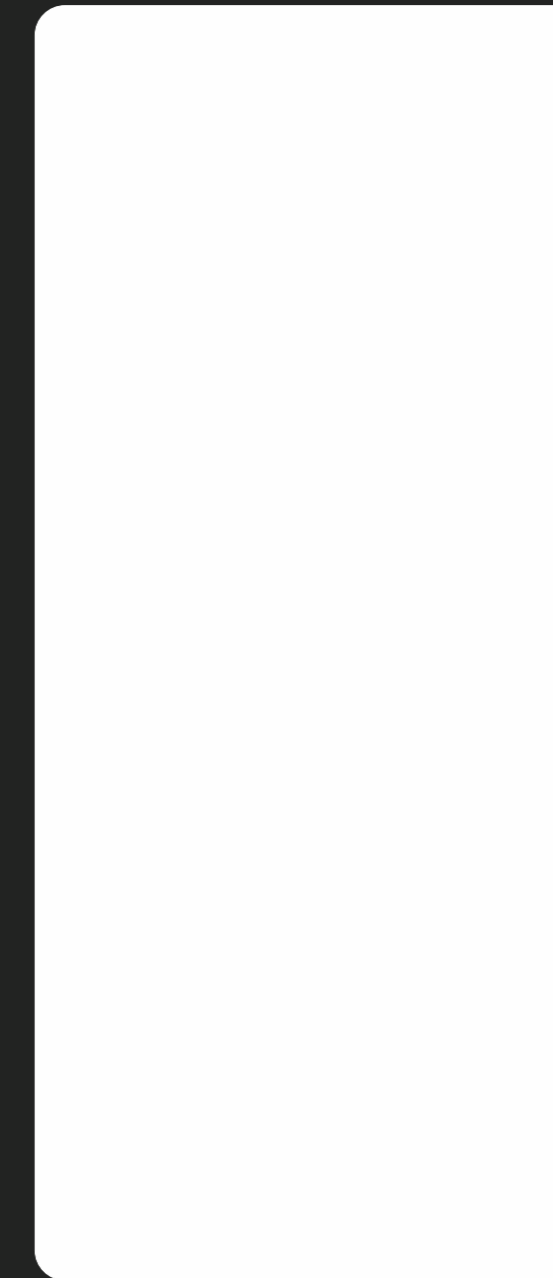
ANTI
 YELLOW

1.5mm
 PURE
 ACRYLIC

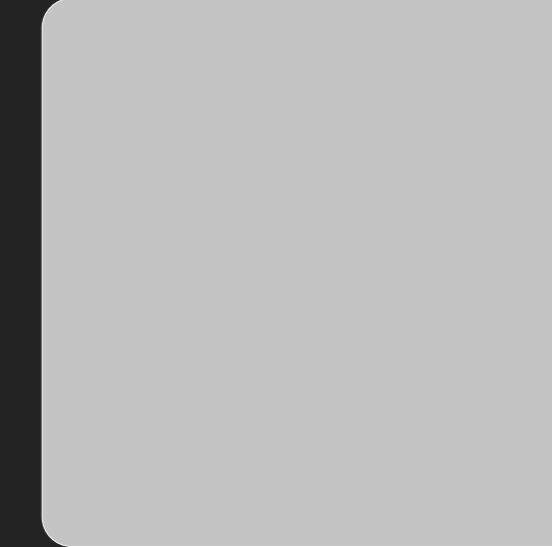
pinnacle



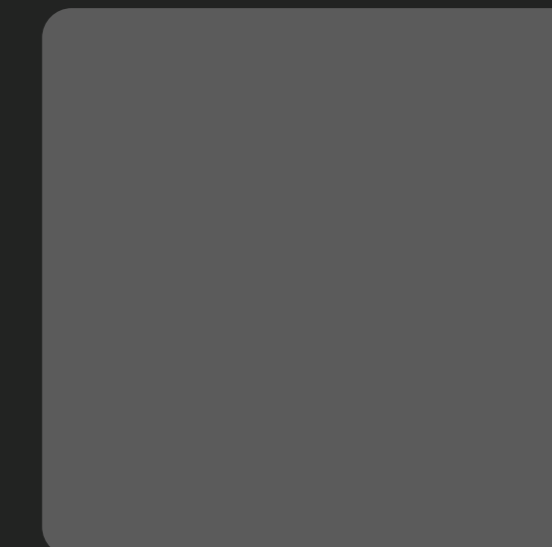
PL - 9105



PL - 9110



PL - 9111



PL - 9207

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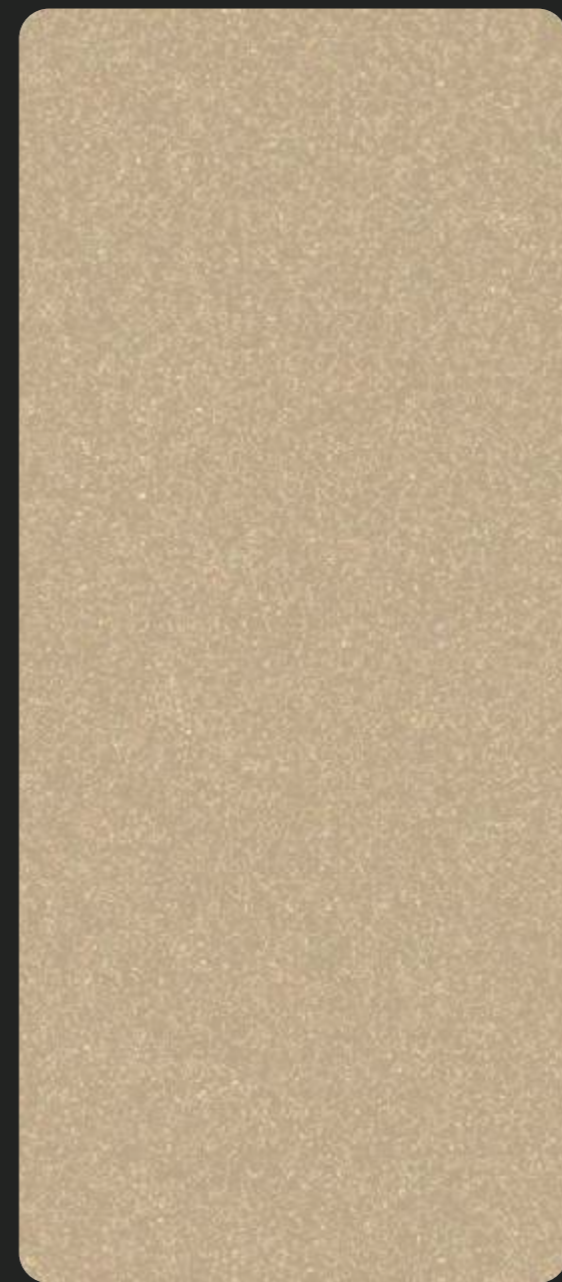


ANTISCRATCH
6H
 HARDNESS
 ACRYLIC
 LAMINATE

USED LAMINATE
 PL - 9104



100% PURE ACRYLIC
 ANTI YELLOW
 1.5mm PURE ACRYLIC



PL - 9205



PL - 9106



PL - 9104

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ANTISCRATCH
64
 HARDNESS
 ACRYLIC
 LAMINATE

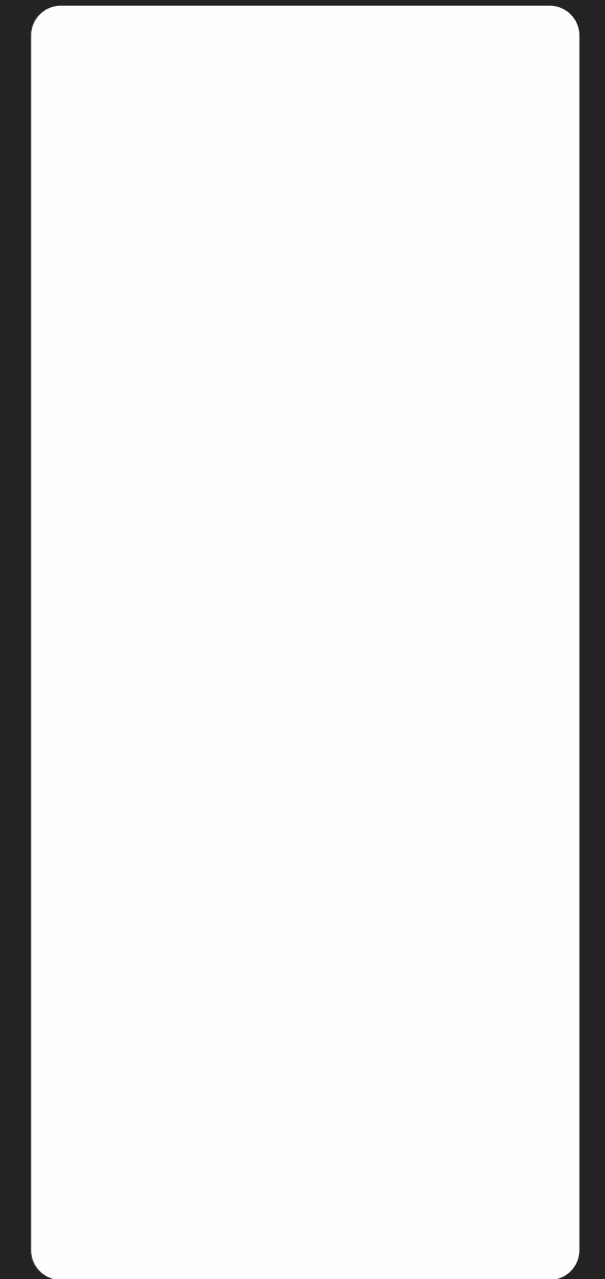
USED LAMINATE
 PL - 9118



PL - 9102



PL - 9118



PL - 9101

There can be colour variation in material from different batches, It is advised to use same batch material to avoid colour variations. Actual colours of the laminate sheet may vary from this brochure.





USED LAMINATE
PL - 9109



PL - 9109



PL - 9108



PL - 9113



PL - 9107



PL - 9114

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USED LAMINATE
PL - 9215

ANTISCRATCH
6H
HARDNESS
ACRYLIC
LAMINATE

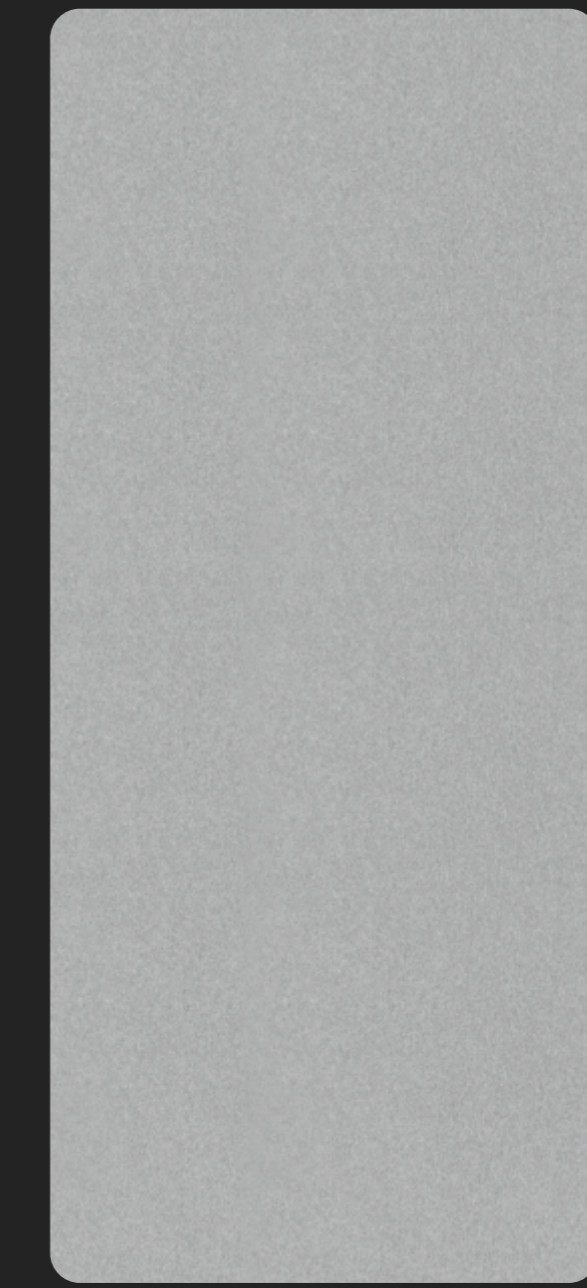
100%
PURE
ACRYLIC

ANTI
YELLOW

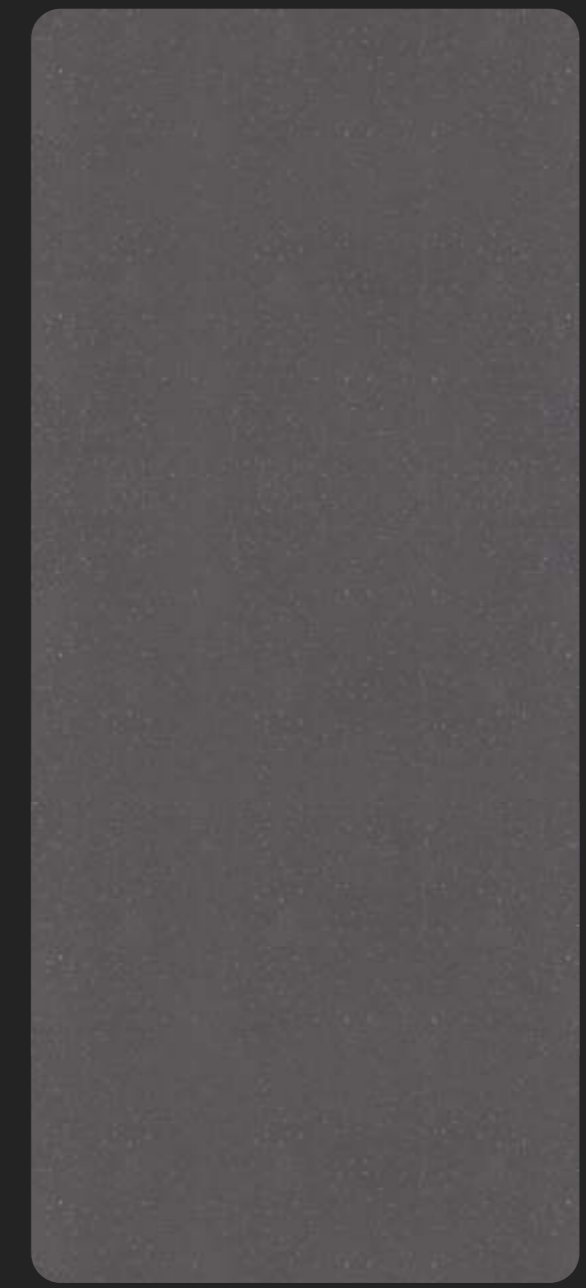
1.5mm
PURE
ACRYLIC



PL - 9216



PL - 9203



PL - 9215

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ANTISCRATCH
6H
 HARDNESS
 ACRYLIC
 LAMINATE

USED LAMINATE
 PL - 9204

100%
 PURE
 ACRYLIC

ANTI
 YELLOW

1.5mm
 PURE
 ACRYLIC

pinnacle



PL - 9202



PL - 9204



PL - 9201

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USED LAMINATE
PL - 9214



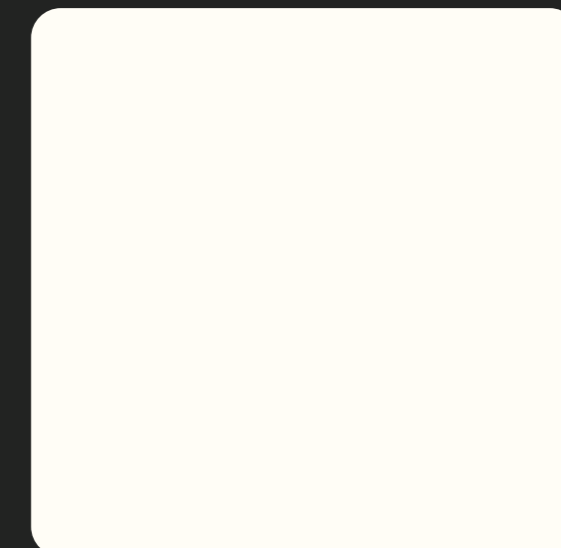
PL - 9212



PL - 9217



PL - 9214



PL - 9206

There can be colour variation in material from different batches, It is advised to use same batch material to avoid colour variations. Actual colours of the laminate sheet may vary from this brochure.





USED LAMINATE
PL - 9218



PL - 9103



PL - 9218



PL - 9210




PL - 9211


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faq




Acrylic are bonded in extremely humid conditions




Use of water base synthetic resin adhesive any other the PEVA (Polyethylene Vinyl Acetate Co-polymer)




When substrate loses moisture after installation



Debonding in certain areas because of uneven substrate surface



Insufficient or lack of pressing during the bonding period of laminate



Use of extremely large acrylic/PVC laminate sheets (more than 8 ft x 2 ft long)

To avoid de lamination / air bubbles in between ply and laminate the above steps should be taken care of. Bonding of acrylic sheets shouldn't be completed under high humidity

Reasons for air bubble formations on Acrylic Sheets



Limited Warranty

PINNACLE Products are tested to be reasonably free of defects, and when used and fabricated properly they will comply with the applicable manufacturing specifications within realistic deviations. we recommend customers to inspect properly before installing. PINNACLE warranty in on way covers defects and non-compliance from or otherwise attributable ti any other causes, including without limitation the following:

- Improper handling / transportation / storage of PINNACLE
- Improper installation of PINNACLE
- Improper or unintended usage of PINNACLE
- Lack of or improper maintenance of PINNACLE
- Exposure to high temperatures
- Unauthorized alteration to the products
- Outdoor applications
- There will be no guarantee or exchange under any circumstances
- color variations in products from different batches are possible
- We recommend using products from same batch to avoid color variations
- This brochure is for presentation purposes only. Actual colors may differ.

Disclaimer

- Do not use plywood with high moisture content
- Do not use ply with uneven surface
- Avoid using inferior quality adhesive
- Apply sufficient pressure
- We do not recommend pasting of sheets on the printed/branding area of the plywood

technical Specification



Parameters	Pinnacle Acrylic Laminate	High Gloss Laminate Mica	PU Coating / Duco Paint	Back Painted Glass
Gloss Level	>90	>70	>85	>85
Scratch Proof	6H Anti Scratch	No	No	No
Color Consistency	Excellent	Not Good	Not Good	Not Good
Orange Peel	No	Yes	Yes	No
UV Resistance	Excellent	Bad	Bad	Bad
Water Resistance	Excellent	Bad	Bad	Excellent
DRY Heat Resistance	Excellent	Good	Bad	Bad
Volatile Organic Compounds (VOCs)	No	Yes	Yes	Yes

Recommended Adhesive For Pressing



PVC SHEET
CHARCOAL SHEET
ACRYLIC SHEET
LAMINATE
VENEER
ACP SHEET





Shake it well and lightly spray on the surface



Wipe the surface clean using a light circular motion