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VERSION 10.3

10* YEARS WARRANTY

All Pioneer products are a landmark in durability and quality. Our stringent quality checks ensure that our products are free from any manufacturing defects. However, we recommended that you inspect the products prior to installation.

Incase of any issues with product quality, we are liable for the cost of our product only. Complete details regarding the warranty terms are available with our authorized dealers.

* Not applicable in Interior Grade



PIONEER PANELS Mumbai India
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OUR PRESENCE

Ahmedabad, Amritsar, Delhi, Vadodara, Bhopal, Bengaluru, Bhiwandi, Belagavi, Gulbarga, Hubli, Hyderabad, Indore, Jaipur, Kochi, Kolkata, Latur, Ludhiana, Mumbai, Nagpur, Pune, Rajkot, Surat, Sangli, Udaipur, Vapi



PIONEER

PROVIDES DURABLE & ATTRACTIVE
SOLUTIONS TO
SURFACE FINISH

The Pioneers behind Pioneer

Founded by a group of industrialists in the year 2017, Pioneer is a confluence of the vastly experienced people in manufacturing, product development, quality control, distribution and sales of Aluminium Composite Panels (ACPs). Our senior most members of the management are pioneers in this industry in India and have worked for over 30 years in this sector. All the knowledge and experience of our core management team has been incorporated to give you products of exceptional quality.

We manufacture products with state of the art German technology to give great quality and long lasting products. Our products are low in maintenance and tough enough to withstand demanding environments.

Our network of distributors and sales personnel ensure that the service that you need is accessible and available at your doorstep.

Our brand is a perfect amalgamation of Elegance, Durability, Strength, Colours, Shades, Finish and Style.

Vision: With continuous improvements in quality, we want to be the top of the mind Aluminium Composite panels manufacturer for Builders, Architects, Fabricators, Interior designers and Contractors.

Mission: To be a pioneer in making durable and high quality Aluminium Composite panels. We want our products to set a benchmark for the segment in which we operate.





PA302 | WALNUT



PA303 | ROSEWOOD



PA305 | BURMA TEAK



PA306 | MAHOGANY WOOD



PA307 | SMOKE BERLILIA WOOD



PA308 | SMOKE TINYO WOOD



PA311 | DESIGNER BURMA TEAK



PA312 | GOLD BURMA TEAK



PA351 | SMOKE OAK



PA352 | SMOKE BALTIC



PA353 | BLACK CHERRY



PA354 | CALIFORNIA WALNUT



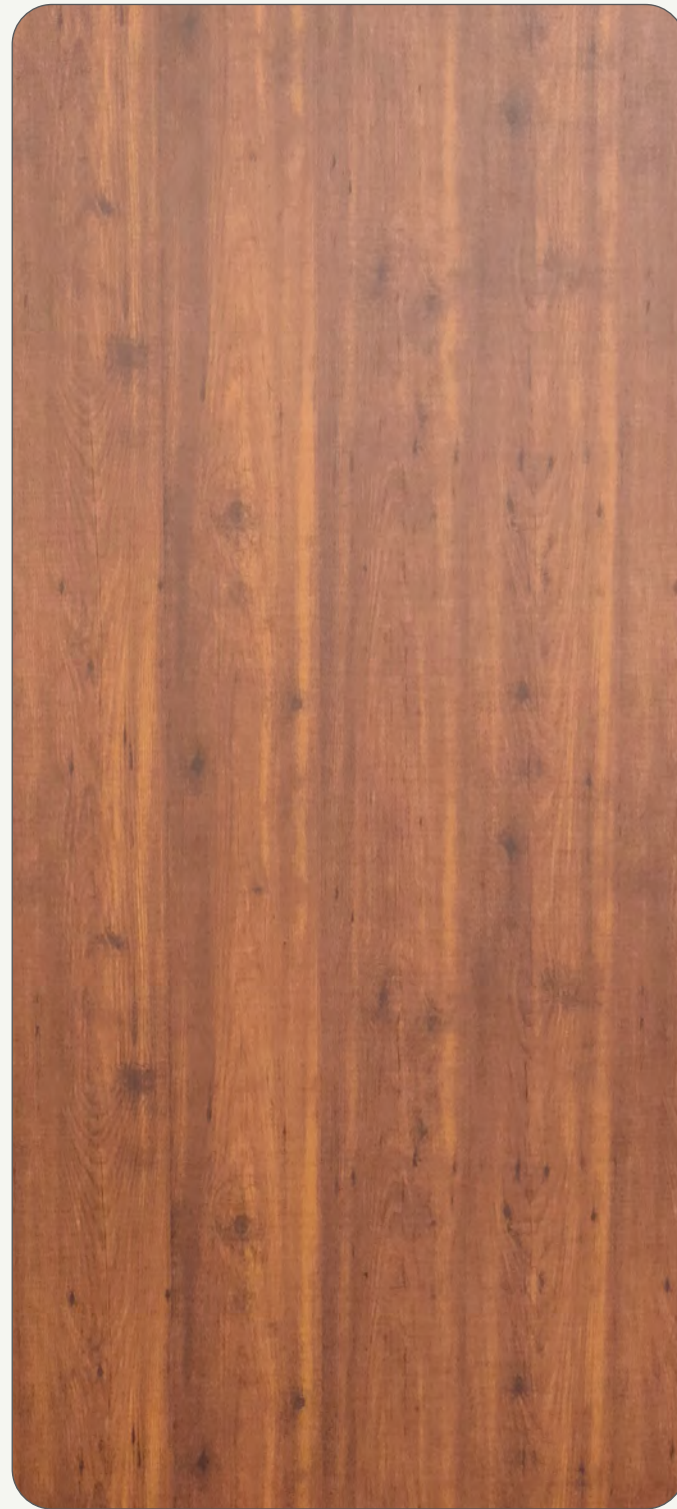
PA355 | AFRICAN OAK



PA356 | ROYAL TEAK



PA357 | SMOKE CEDAR



PA358 | OAK PINE



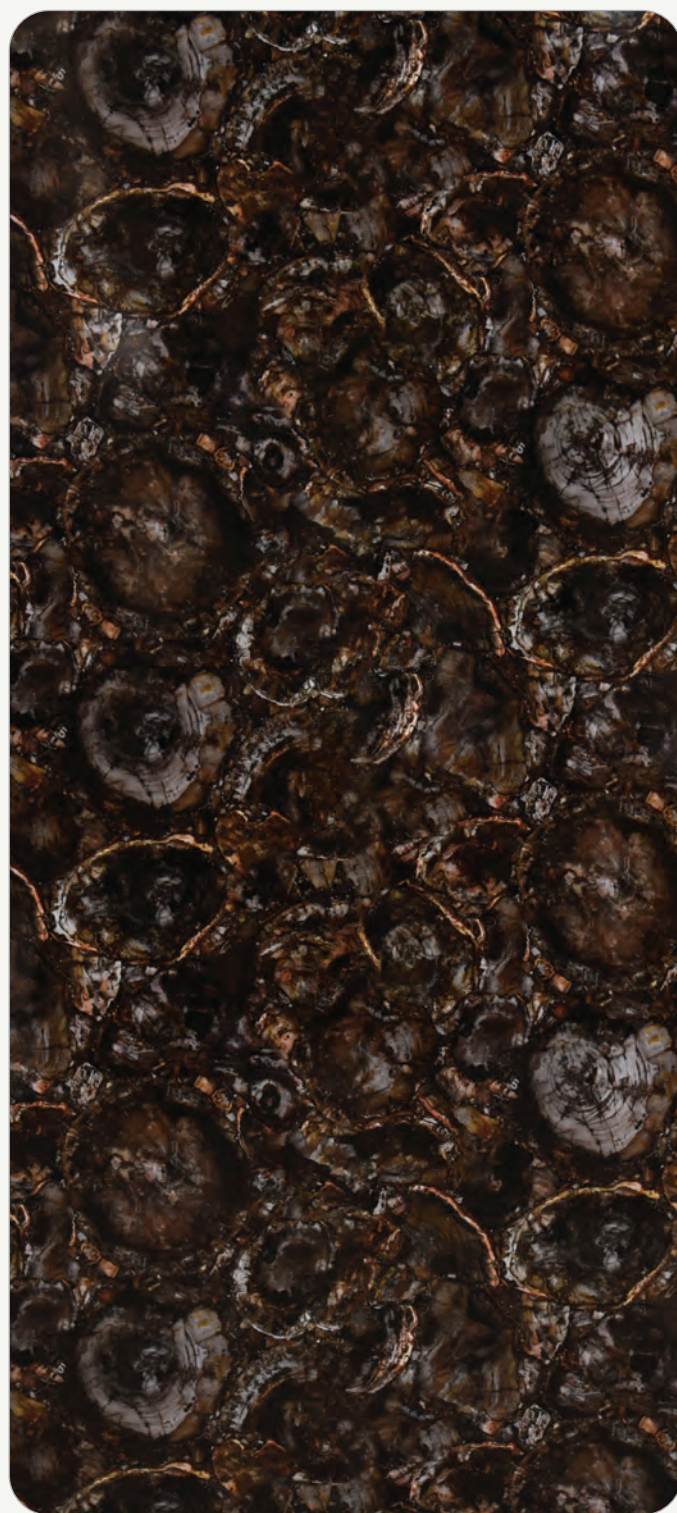
PA373 | GOLDEN OAK



PA332 | PERLATO



PA334 | GRAY POTRO



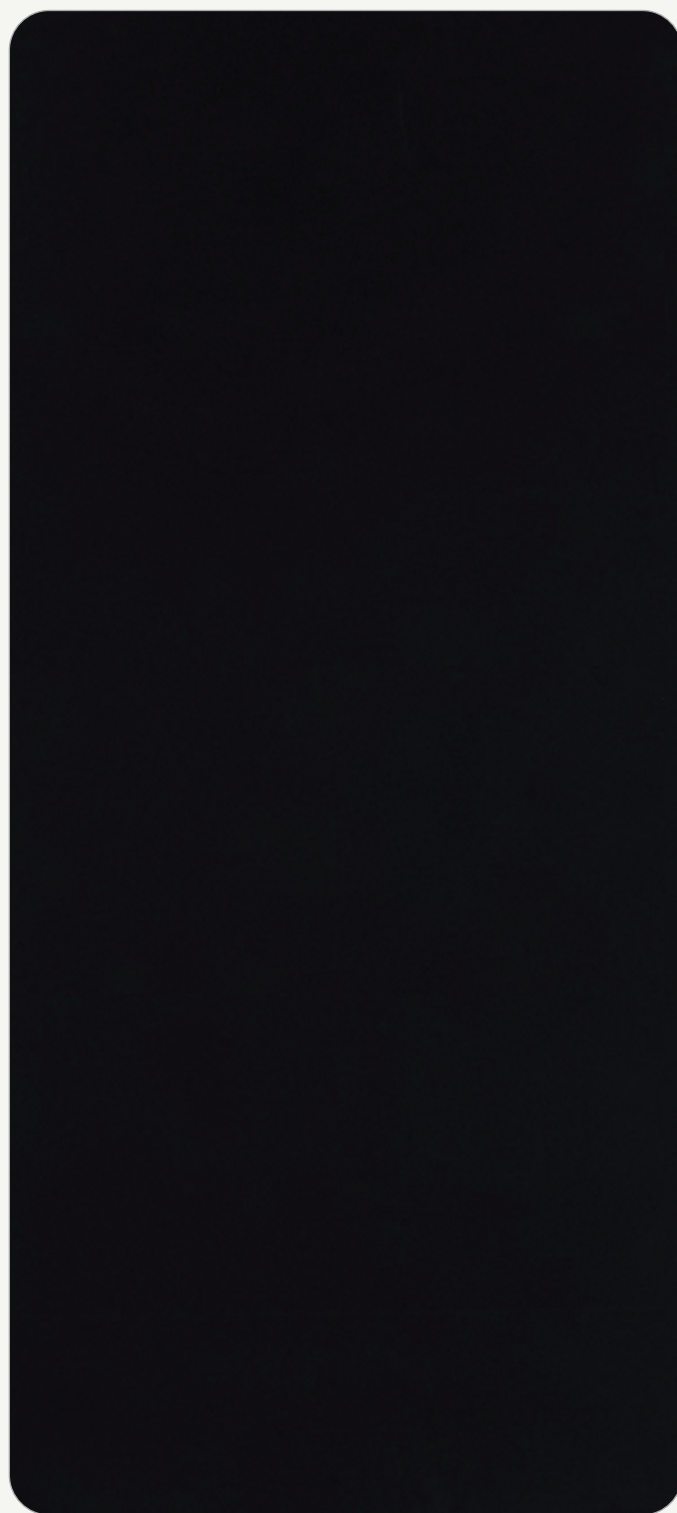
PA337 | BROWN FIRE



PA338 | STATURIO QUARTZ



PA251 | IRON CORTAN



PA253 | NERO



PA254 | BASALT BLACK



PA255 | ENGLISH GREEN ITALIAN



PA256 | ENGLISH GRAY ITALIAN



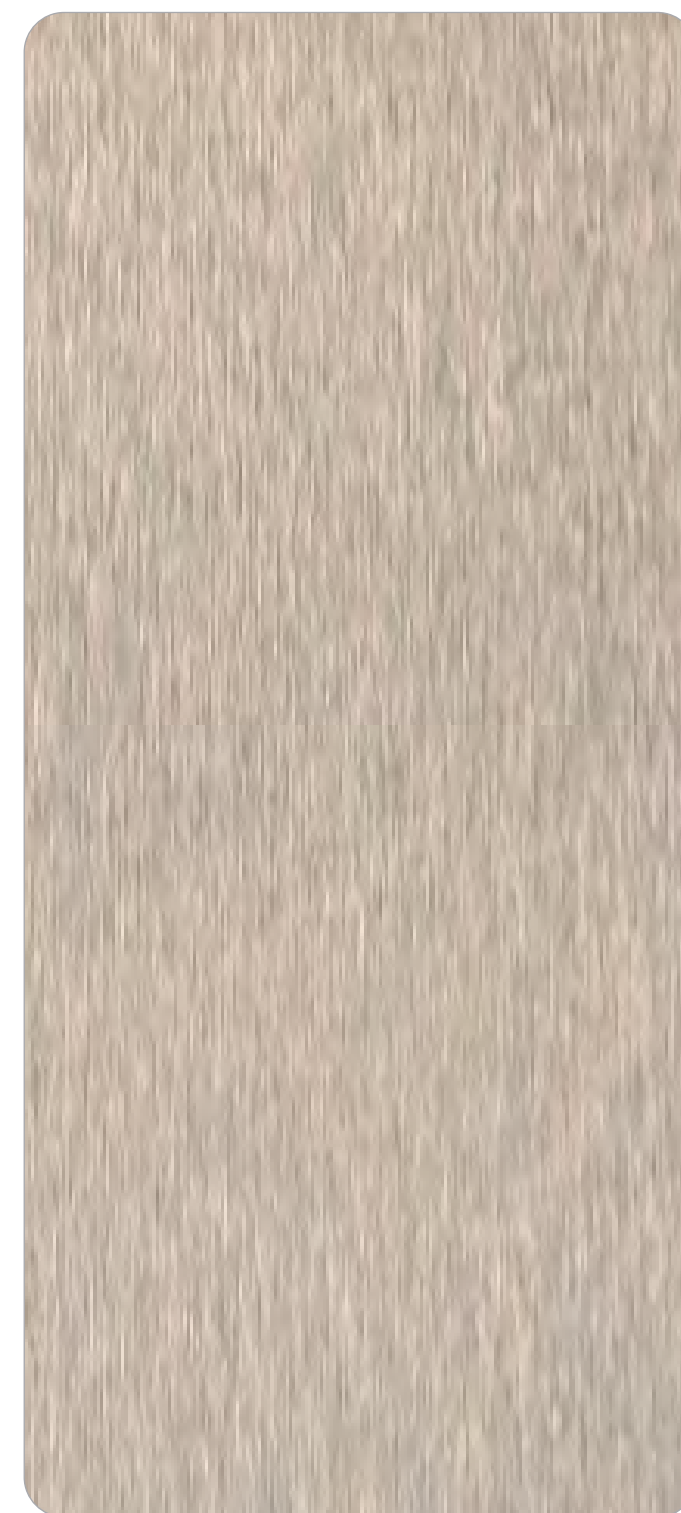
PA257 | NEO TITANIUM



PA258 | NEO ROYAL



PA259 | NEO ESSENCE



PA260 | NEO PEARLY

S. No	ITEMS	Pioneer HPL
1.	Thickness of composite Panel (mm)	6mm
2.	Skin Thickness (mm)	0.25mm
3.	Weight (kg/sqm)	7.0 kg
4.	Polyethylene type LDPE 9g/cm ³)	0.92
5.	Coating	LUMIFLON/PVDF
6.	Hardness (pencil hardness)	3H
7.	UV Stability	Brilliant
MECHANICAL PROPERTIES OF ACM		
8.	Tensile Strength (ASTM E-8)	4.2 kgmp ²
9.	Yield Strength (ASTM E-8)	4 kgmp ²
10.	Elongation (ASTM E-8)	13%
11.	Flexural Elasticity (ASTM C-393)	4030 kg/mm ²
12.	Thermal Expansion (ASTM D-698)	1.1mm/M/50°C
MECHANICAL PROPERTIES OF ALUMINIUM SKIN		
13.	Aluminium Alloy Grade	3003 H16
14.	Yield Strength (ASTM E-8)	14 kg/mm ²
15.	Modules of Elasticity (ASTM C-393)	7000kg/mm ²
16.	Bond Integrity (ASTM C-279)	118kg/cm ²

Fixing Detail

DESCRIPTION	SPECIFICATION
Aluminium tube (Black powder Coated)	25 x 38 x 1.6 mm
Aluminium Angle (cleat)	19 x 19 x 2mm
Screw (powder Coated)	SS 25" (star Headed)
Rowel Plug	25mm

To avoid possible color differences, all the panels must be installed in the same direction as indicated by the arrows on the protective film. A color difference might exist in different batches of products, so we recommend to place a one-time order for each project to ensure that the color is same.

PIONEER NEO HPL

Pioneer NEO HPL Series is a high quality construction product which is one of our best offerings. It is available in a wide variety and eye catching shades and designs.

Being a latest entrant in the Aluminium composite panel industry, we have the most modern designs and product range. We utilize our industry experience in bringing for you the best composite panels with designs that will give a flight to your imagination. Our wide range of these panels offer exceptional durability, style and aesthetics with unmatched quality.

PIONEER NEO HPL is a laminate that offers maximum durability. This durability is attributed to increased resistance to impact, dents, moisture, heat, wear and edge chipping during installation.

NEO HPL is fused together using heat and pressure and the layers are put together in stages.

Apart from unmatched quality and affordable price, PIONEER NEO HPL offers a wide variety of colours, textures and sizes to suit all applications and taste. PIONEER NEO HPL substitutes wood effectively in all applications like cottage, corporate building, shopping mall, resorts, bungalow etc. To top it all, we offer an impeccable service in India and abroad.

How to Fix

First, fix an aluminium tube (as per the specification) on the wall and maintain a gap of 600mm center to center with the help of cleat vertically.

The fixing point has to be 15mm (Minimum) away from the edge of the plank. Similarly the fixing point shall be 40mm away from the corner of the plank.

Cut the size of plank according to your requirement and directly screw the aluminum tube with the help of round headed power coated SS screws (Same color of the plank to be used).

A Pilot hole must be pre-drilled before tightening the screws.

The size of the screws must be according to the thickness of the plank (three times the thickness of the plank) and the gauge of the aluminum.

While using metal screws, fully threaded self-tapping metal screws must be used as they are best suitable.

Rust proof fixing should be used in all external works/application or when condition of high humidity and dampness are expected.

Cut the plank 45 degrees at all 90 degrees corner as per drawing.



Applications

- Balcony Cladding
- Outdoor Cladding
- Gate Elevation
- Rafters
- Canopy
- Wall Cladding
- Railing
- Ceiling
- Fences
- Louvers
- Attic Cladding
- Bungalows Interior
- Pergola

Dimensions

Standard sheet size	4'X8' & 4'x12'
Thickness	6mm

*Customized lenght can be provided on special request

