

Panelex[®]



Façade panels

Panelex®

PANELEX is a thermo stable architectural panel, that is used as wall cladding in ventilated façades. It comes in a wide range of colors and designs, and variety of sizes and thicknesses, ensuring excellent appearance for a long period of time.

It is ideal for façades that require efficient indoor temperature control, acoustics management, energy saving and easy maintenance.

Choose from our two options of PANELEX available.

Type A: UV radiation resistance + Anti-graffiti property on one side of the surface that facilitates all type of paint removal, frequently used in graffiti paintings*.

Type B: UV radiation resistance + Anti-graffiti property on both sides of the surface that facilitates all type of paint removal, frequently used in graffiti paintings*.



*Visit panelex.com.co for details about recommended cleaning and maintenance.

Main Features

Panelex®



CARBON NEUTRAL

Panelex is produced under a system that measures, controls and balances emissions. We compensate our footprint and favor the environment.



ENVIRONMENTALLY FRIENDLY

Composed by 70% of renewable sources.



UV RESISTANT

Protection against U.V. discoloration, assuring color stability over time.



ANTI GRAFFITI*

Allowing paint removal.



ANTI- INSECTS

It does not suffer any kind of insect attack. Inert material preventing fungal growth.



MULTIFORMAT

Multiple sizes and thicknesses for easy modulation and installation.



IMPACT RESISTANT

Due to its high impact resistance, it can be exposed to high traffic areas, such as sports areas.



HIGH CLEANABILITY

The top or bottom edges can be angle-milled, allowing water to flow towards the back.



THERMAL - ACOUSTIC

It acts independently as thermal and acoustic insulation.



FLOATING SYSTEM

Floating point fixing, allowing greater movement of the panels.



SELF-SUPPORTING

Even with large perforated areas in their design.



THERMAL

It acts independently as thermal insulation.



FIRE RESISTANCE

Complying with NFPA 285 standard.

SIZES

4x8 ft
4x10 ft
5x12 ft

THICKNESSES (Inch)	0,016``/0,024``/0,31``/0,39``/0,47``
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* Check our technical data sheet for more info.

Panelex Collection

Solids



Printed samples are not representative for real size or color of the final product. Please request actual samples for specification purposes.

Woodgrains



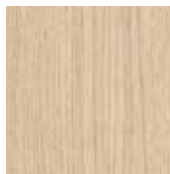
o Sea White 1502



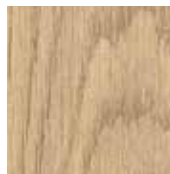
o Okumen 1535



o Natural Elm 1499



o Neutral Oak 1498



o Century Oak 1554



o Organic Maple 1511



o Noce Naturale 1534



o Avalon Oak 1558+



o Cypress Camel 1489



o Sandal 1932



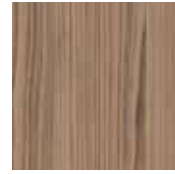
● Provence Teak Cappuccino 1526



● Olive Elm 1503



o Rural Pine 1505



o Cypress Cinnamon 1490



o Cincel Oak 1508



● Countryside Oak 1533



o Riverside Oak 1541



o Provincial Oak 1501



o Beach Chestnut 1518



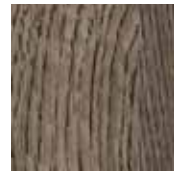
o French Walnut 1510



o Rovere Fiumo 1462



o Timber Blocks 1521



o Smoked Rovere 1504



o Savage Walnut 1537



● Wengue 1807



o Themowood 1506



o Mystic 1512



o Grey Cedar 1465



o Zebra Ebano 1466



● Grey Oak 1829



o Brown Oak 1836



o Urban Ash 1519



● Wengue Tabaco 1834



o Royal Walnut 1536



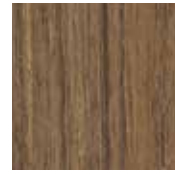
o Noce 1841



● Italian Walnut 1513



o Vintage Teak 1516



o Noce Havana 1555



● Provence Teak Marsala 1525



o Noce Caffè Latte 1832



o Pear 1750



o Padouk 1740



o Classic Cherry 1474



o Mahogany 1460



o Palsander 1839



o Dark Teak 1800



o Noce Canella 1561+



o Serra Dorato 1835



● Spiced Chestnut 1517



o Roble Sepia 1556



o Natural Oak 1802



o Ash 0470



o Ontario Oak 1540



● Lineal Oak 1467



o Light Alpi 1799



o Natural Beech 1803

Sizes

New +

- o Color/Pattern available only in:
4 x 8 ft
4 x 10 ft

- Color / Pattern available only in:
4 x 8 ft
4 x 10 ft
5x12 ft



● Hard Rock Maple 0791

Oxides, Concretes & Granites



● Heavy Metal 3152



● Terra Steel 3116



● Rustic Oxide 3134



○ Morocco 2515



○ Mineral Steel 3166



○ Industrial Slag 3147



● Grey Slate 3156



● Industrial Concrete 3127



○ Urban Concrete 3124



● Granite Metallized 5030



○ Astral 3030

Metallized & Pearlescents

The color of the laminate varies according to the pattern and design used. Please ask for a real sample before you make a decision.



○ Snowflake 2503



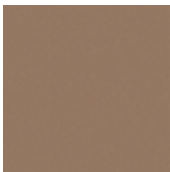
○ Pearl 2512



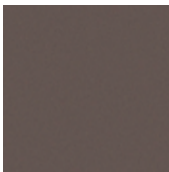
● Metallized 2047



○ Brushed Rosegold 2508



○ Brushed Champagne 2506



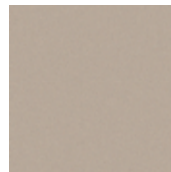
○ Oil Bronze 2507



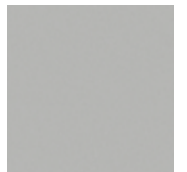
○ Metallic Linen 2509



○ Bronze 2500



○ Dune 2502



● Moonlight 2501

Sizes

○ Color/Pattern available only in:

4 x 8 ft
4 x 10 ft

● Color / Pattern available only in:

4 x 8 ft
4 x 10 ft
5x12 ft

New +

FINISHES



Super Mate (SM) +



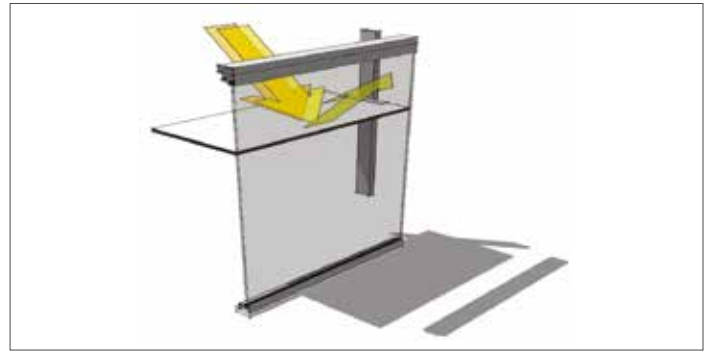
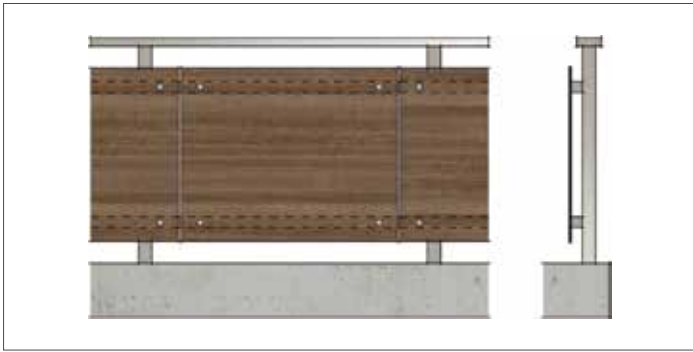
Matte / Mate (MT)



Gloss (GL) / Brillante (BR)

The finishes offered result from a high technology combination between inks and UV filters, which guarantee a highly stable appearance for many years.

OTHER APPLICATIONS



RAILS AND CLOSURES

PANELEX is ideal for solid enclosures and balconies. The panels can be installed on any type of grid or special accessories designed for that purpose. They can be installed through any of the cleats, always following technical recommendations. For this application we recommend using panels of thickness greater than or equal to 10 mm.

LIGHT CONTROL

PANELEX is an opaque material that blocks and redirects light through reflection to control indoor's luminance and amount of energy that enters through windows or skylights. These properties keep a pleasant environment with stable temperatures and reduce energy consumption of mechanical conditioning systems.

VENTILATED CLADDING

PANELEX's panel composition and modulation is ideal for installation of ventilated facades, in which insulation or thermal regulations compliance is required. It acts as a floating skin of the building, creating a posterior chamber which can be installed.

FACADE GRILLES

Thanks to its stability and versatility, PANELEX can be cut into linear modules and installed in all types of structures to form screen facades, providing excellent appearance. Facade grilles are commonly used for sun protection, ventilation or as an aesthetic element. When installed separately from the building's structure, it also contributes with the thermal insulation of the building without damaging the visual aesthetics of it.





* Please ask for our certified references.
The mark of responsible forestry
FSC® C116247

ISO 9001
ISO 14001
BUREAU VERITAS
Certification



We are carbon neutral
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