Panelex®

Lamitech®

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

It is an ideal material for facades where efficient indoor temperature control, acoustics management, energy saving and easy maintenance is required.

UV Radiation Resistant and Anti graffiti (Type 2): Produced with an additional non-stick quality that facilitates all type of paint removal, frequently used in graffiti paintings. This two options have a symmetrical structure with the same type of filter on both sides of the panel, which results very useful whenever your project requires PANELEX in a woodgrain or Granite design both, on the surface and the back.

TYPE 3 an excellent solution for facades that require an antigraffiti quality with only one of the sides with special woodgrain or granite design.

Under exterior environmental conditions, PANELEX presents high resistance to the attack of polluting agents, ultraviolet radiation, strong changes of temperature, extreme cold weather and water.

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

PANELEX is produced in three different types. Choose the type that best suits your project requirements

UV radiation resistance (Type 1): with all the required qualities for an excellent performance in exterior environments.
Acts independently as thermal and acoustic insulator.

Independent fixings from the main structure of the building allow greater control of facade movement.

Extensive modulation possibilities.

Easy to install and secure.

It does not allow the growth of fungi, mosses and lichens, as it is an inert material.

Manufactured with the latest technology in compliance with international quality standards, ensuring an excellent product.
Panelex Collection

Panelex has more than 100 possibilities in solid colors, wood patterns and designs, with UV filters that ensure the stability of their appearance. Its sealed surface has nonstick properties, which prevent dirt accumulation and facilitate cleaning.

Contact us for other colors and designs available.

Solids

- Vanilla 2109
- White 2114
- Bianco Polar 2111
- Antique White 2100
- Almond 0920
- Champagne 2107
- Sandstone 2119
- Brun 2314
- Cloud 2191
- Alumina 2103
- Fog 2108
- Grey Shell 2264
- French Grey 2233
- Latte 2167
- Taupe 2165
- Helmet 2265+

- Mouse 2193
- Shadow 2259+
- Dark Steel 2315
- Iron 2255
- Tornado 2258+
- Graphite K 2192
- Graphite 2174
- Cinder 2110

- Golden 2316
- Yellow 2163
- Orangine 2295
- Prism Red 2135
- Carmin 2272
- Burgundy 2158
- Berenjena 2243
- Terra 2225

- Electric Yellow 2230
- Neon Green 2180
- Citrus 2205
- Tropical Green 2184
- Spring 2231
- Bleen 2224
- Forest 2252
- Turquesa 2176

- Olive 2248
- Petroleo 2237
- Pacific Blue 2170
- Prism Blue 0888
- Atlantic 2181
- Mediterranean 2180
- Caribbean 2182

Metallized

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

- **Color / Pattern available only in:**
  - 4 x 8 ft (1,22 x 2,44 mt)
  - 4 x 10 ft (1,22 x 3,06 mt)
  - 5 x 8 ft (1,53 x 2,44 mt)
  - 5x12 ft (1,53 x 3,66 mt)

- **New +**

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Applications

- Heavy Metal 3152
- Terra Steel 3116
- Rustic Oxide 3134
- Industrial Slag 3147
- Industrial Clinker 3148
- Grey Slate 3156
- Industrial Concrete 3127
- Urban Concrete 3124
- Granitino Black 3014
- Galaxy Graphite 0491
- Granite Metalized 5030
- Astral 3030
- Galaxy Champagne 0220
- Marina Di Carrara 3151
- Santo Sabbia 3155
- Lapidus 3110
- Mocha Granite 3134

Oxides, Concretes & Granites
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.

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.

1. Fixture
2. Vertical profile
3. Insulator
4. Panelex

LIGHT CONTROL

Panelex is an opaque material that blocks and channels 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.

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 one of the tools 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.
PANELEX is a high pressure decorative laminate produced in Colombia by Lamitech S.A.S. Lamitech products are GREENGUARD certified which ensures that they are designed to be in direct contact with the user, free of noxious particles and gas emissions. PANELEX is environmentally friendly by using wood fibers, a highly renewable material extracted from cultivated forests and with FSC® sustainable development (Forest Stewardship Council®) regulations. PANELEX could contribute to obtain points in LEED TM projects. For further information about installation, storage and maintenance, please visit www.panelex.com.co