



Cladito International, a name synonymous for innovation and quality for over 10 years. Cladito International group is a rapid organization to provide world best & contemporary eco-friendly product to our esteemed customers. In short span of time our zeal to exceeding the customer satisfaction by providing technical innovative sustainable product & services across India.

Cladito International group aims to provide complete solutions to House owner, Builders, Architects, Engineers for their requirements for building protection and maintenance. It has now introduced best suited imported product portfolio for Indian market.

### **Cladito High Pressure Laminate (HPL)**

High pressure laminate is a form of decorative laminate and comprise of multiple layers of laminates that have been molded and cured at pressure above 1,000 lb per sq in and most widely in the range of 1,200 to 2,000 lb per sq in. It is one of the most durable and strongest decorative surface materials and features key properties like resistance to fire, wear and chemicals. High Pressure Laminates are manufactured by inundating multiple layers of Kraft paper in phenolic resin. Before pressing, a layer of decorative printed paper is placed on top, while it has a protective layer beneath to ensure strength and resiliency. The layers are then fused together under pressure and heat, which is over 1,000 PSI. Since phenolic resin is thermoset plastic, the molding & curing process transforms it into plastic and converts the composites into a tough laminated sheet. The process of thermosetting causes a rigid and irreversible bond that makes HPL most durable, strong and reliable. Owing to its durability, high pressure laminate is one of the most preferred choices for horizontal surfaces like countertops, flooring, furniture and desktops. Because it is extremely tough and rigid, it performs well even in vertical applications and high traffic zones like commercial interiors, office furniture, hospitality, healthcare, education institutes and retail.

### **Benefits of Cladito High Pressure Laminates**

High pressure laminates offer numerous benefits as mentioned herewith:

- A highly robust, versatile and decorative surface suitable for both horizontal and vertical applications in high traffic areas.
- Non-porous, weatherproof surface.

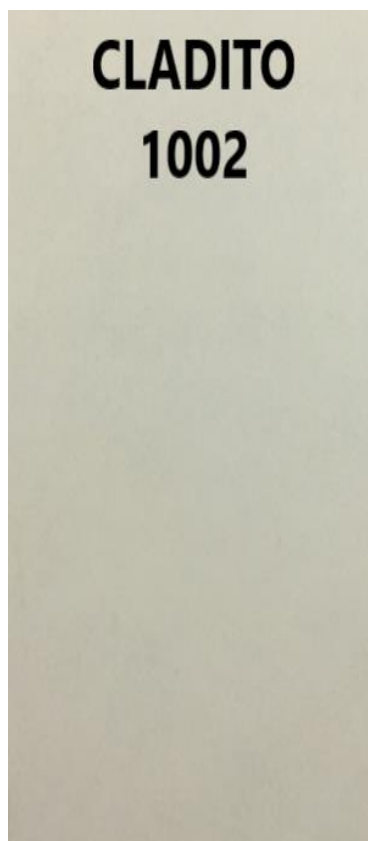
- It is used in a wide range of applications like tabletops, kitchen countertops, vanities, flooring and even vertical surfaces like doors. This makes HPL highly versatile in nature.
- Since it is manufactured under high pressure & heat, it is extremely tough and durable, and resistant to external stress like abrasion, crack, moisture, scratch and heat.
- HPL is considered one of the most hygienic and safe materials used in interior designing, architecture and construction. In kitchens, anti-fungal additives and anti-bacterial are used to ensure that it is microbe-free and food safe.
- Extremely easy to clean and does not require regular maintenance.

## **Cladito High Pressure Laminate (HPL)**

The size of one sheet= 8' \* 4'

Thickness of the sheet= 6mm

HPL protects building from excess temperature in summer excess cold in winter and provide the sound insulation.



**CLADITO**  
**2002**



**CLADITO**  
**2003**



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**2004**



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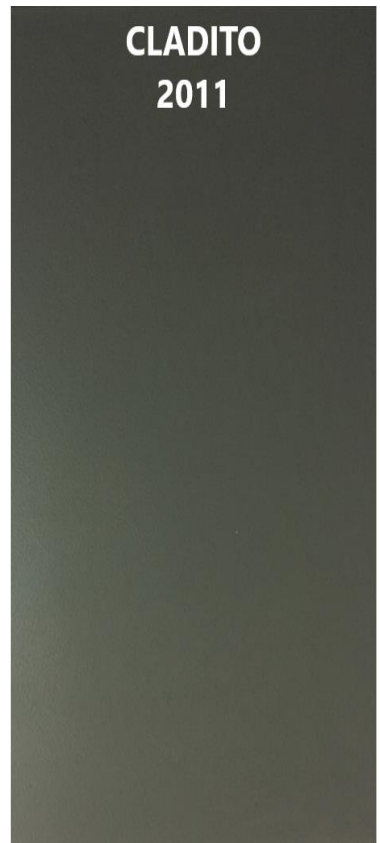
**CLADITO**  
**2008**



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