

DUPONT™

Tedlar®

DUTAI

The Birth of High Tech Panel

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DUTAI With DuPont™ Tedlar® PVF Technology

Founded in 1802, DuPont™ is a leading global high-tech company with innovative products, materials and services to provide world-class scientific and engineering capabilities for the global market, with operations in more than 90 countries and regions worldwide. DuPont™ product service range include construction, agriculture, food, communications and transportation, energy and biotechnology.

DuPont™ Tedlar® PVF is a Polyvinyl Fluoride material invented by DuPont™ in the United States in the 1940s and put into commercial application in 1961. For more than 60 years, it has been widely used in Aerospace, Building & Construction, Solar, Graphic and Signage and Wallcoverings etc.

ENP is one of the leading building materials suppliers in China, an important strategic partner of DuPont™ in the United States, and the general distributor of DuPont™ Tedlar® PVF in the Asia-Pacific region.

ENP is customer-centric, adhering to enable new possibilities through superior surface protection in the healthcare, office, education, commercial, laboratory and other fields to achieve outstanding performances.



DU PONT
Tedlar® | **60⁺**
YEARS
FIELD-PROVEN PERFORMANCE



DUTAI is a High-Tech Wall Panel



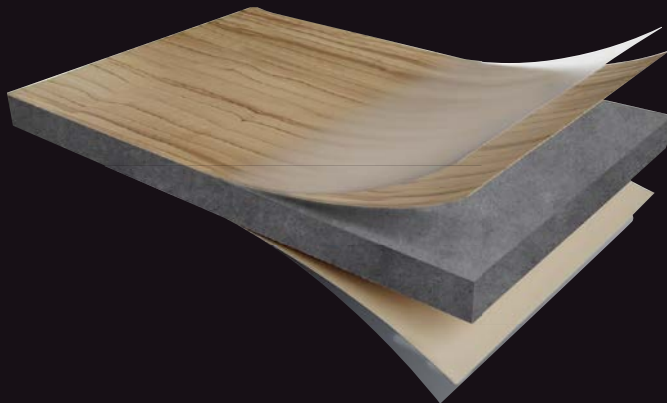
Class A Fire Resistance, National Fire Resistant Building Materials



Bacteria Resistant / No Bacterial Growth

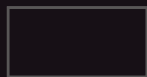
DUTAI

DUTAI is made of melamine resin and decorative colour paper and fire resistant material laminated together and shaped into different product thicknesses. The product surface has a protection layer of PVF film which has superior performance against chemical corrosion, has antibacterial properties and is durable and easy to clean.

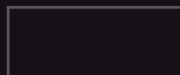


- DuPont™ Tedlar® PVF Film
- Decorative Colour Paper
- Fire Resistant Material
- Decorative Colour Paper

Standard Dimensions

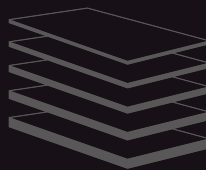


1200 mm × 2400 mm



1200 mm × 3000 mm

Standard Board Thickness



3 mm
4.5 mm
5.5 mm
6 mm
8 mm

■ Custom Thicknesses Are Also Available

Applications

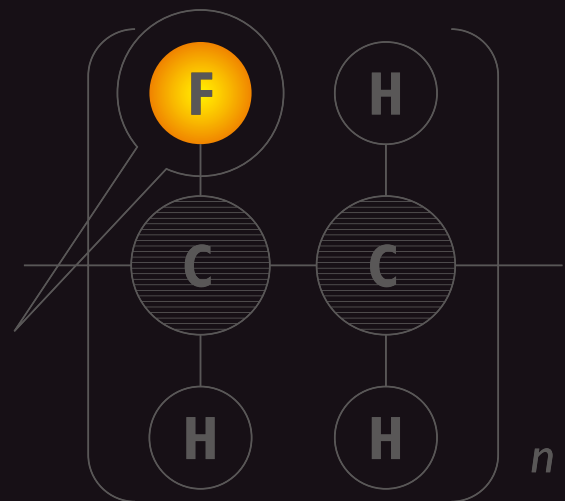
- Healthcare
- Education
- Office / Residential
- Commercial
- Transportation

What Makes DUTAI A High-Tech Panel

Tedlar® materials mainly in the form of different thickness of film, can be laminated on a variety of materials to form a protective film.

Compared with other surface protective films, 100% PVF film does not add any acrylic acid and other plasticizers. It has no surface pinholes, cracks and other defects, forming a dense surface protective film. It also provides complete and durable protection against aging and discolouration.

Polyvinyl Fluoride Polymer



DUTAI provides comprehensive solutions for both exterior and interior finishes in building systems. It is the perfect combination of DuPont™ Tedlar® film and Class A fire resistant substrate, offering advantages such as anti-microbial properties, durable for high-traffic areas, and eco-friendly.

Type	Chemical	1 year at Room Temperature	2 hours in Boiling Water	31 days in 75° C
Acids	Acetic Acid	●		●
	Hydrochloric Acid (10% & 30%)			●
	Hydrochloric Acid (10%)	●	●	
	Nitric Acid (20%)	●		
	Nitric Acid (10% & 40%)			●
	Phosphoric Acid (20%)	●		
	Sulfuric Acid (20%)	●		
	Sulfuric Acid (30%)			●
Alkaline	Ammonium Hydroxide (12% & 39%)	●		
	Ammonium Hydroxide (10%)			●
	Sodium Hydroxide (10%)	●	●	
	Sodium Hydroxide (10% & 54%)			●
Chlorinated Solvent	Acetone	●	●	
	Benzene	●	●	
	Benzyl Alcohol			●
	Dioxane (14)			●
	Ethyl Acetate			●
	Ethyl Alcohol			●
	N-Heptane	●		
	Kerosene	●		
	Methyl Ethyl Ketone (MEK)			●
	Methylbenzene			●
	Trichloroethylene			●
	Phenol	●		
Others	Phenol (5%)			●
	Sodium Chloride (10%)	●		
	Sodium Sulphide (9%)			●
	Tricresyl Phosphate			●



Advantages of DUTAI

1

Super Durable

..... DUTAI is acid and alkali resistant. Excellent abrasion and scrub resistance ensures the longevity of the colour and can be cleaned repeatedly. It is UV and aging resistant, preventing fading and yellowing.

2

Mold and Mildew Resistant

..... Lab reports have shown that DUTAI do not support the growth of mold and bacteria. It is safe and environmentally friendly, has zero formaldehyde and other volatile substances.

DUTAI

Provide For Healthcare

Surface Can Be Repeatedly Sterilized For A Long Time



3

Easy to Clean

DUTAI feature a unique, dense protective layer that effectively resists all types of oil and graffiti. Even stubborn stains can be easily removed with commercial cleaning products. Suitable for home and all kinds of public places.

4

Application Flexibility

DuPont™ Tedlar® film can be laminated with different substrates, such as PVC, wood, metal and composite materials, for a variety of applications: wall panels, cabinets, furniture, doors, ceiling, complete home solutions.

The installation process is flexible and simple, using adhesives.

Different styles of decoration and embossing effects, such as wood grain, fabric, metallic feeling provides flexibility of design.



Class A Fire Resistance



Bacteria Resistant



Boiling Water Resistant



Durable



Easy to Install



Environmentally Friendly



Multi-Colour



Impact Resistant



Scratch Resistant



High Temperature Resistant



Chemical Resistant



Fabric

FABRIC

Textured Fire-Resistant panels are both aesthetically pleasing and durable, faithfully replicating various fabric textures. They infuse each product with warmth and individuality, conveying a distinct sense of coziness and softness. Each texture tells a story of unbreakable emotional bonds. In high-end interior design, the use of low-gloss fabrics and natural textures creates a calm and elegant atmosphere.



DP 8018



DP 8019



DP 8020



DP 8021



DP 8022



DP 8023



DP 8025



Wood Grain

Wood Grain Fire-Resistant panels offer a wide range of exquisite patterns, faithfully replicating the natural textures of wood. These patterns, rich and elegant, exude a sense of luxury and durability. They bring the refreshing ambiance of the forest to your space, appealing to the senses of sight, touch, and even taste, all while promoting a green, healthy, and fashionable taste. They add a touch of brilliance to innovative furniture quality and enhance the texture of your living space.

WOOD GRAIN



DP 9001



DP 9002



DP 9005



DP 9006



DP 9007

Wood Grain



DP 9016



DP 9017



DP 9018



DP 9019



DP 9021



DP 9020



DP 9022



DP 9023



DP 9024



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DP 9026



DP 9027



DP 9028



DP 9029

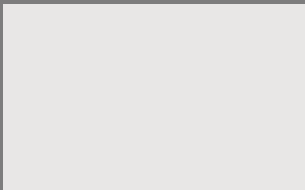


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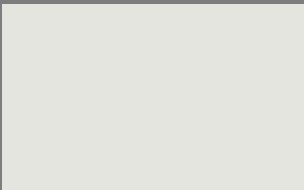
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Solid Coloured Fire-Resistant panels are simple, elegant, and visually appealing. With a wide range of colours, they can meet the diverse style requirements for various interior designs. They simplify decoration and exude a sense of vibrant beauty.

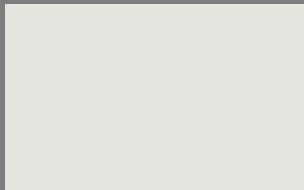
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DP 0010



DP 0011



DP 0012



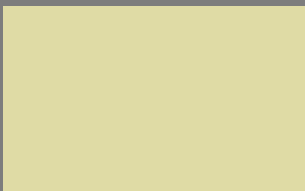
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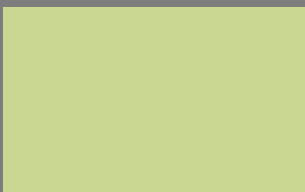
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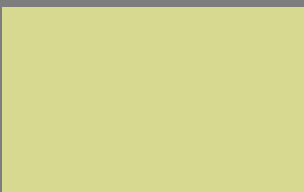
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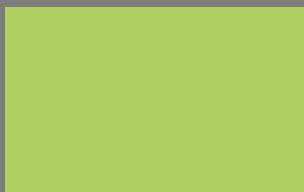
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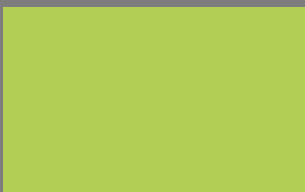
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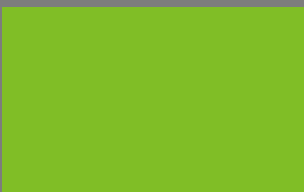
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DP 0056



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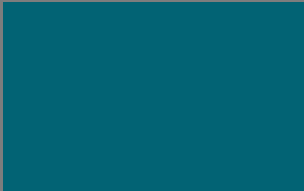
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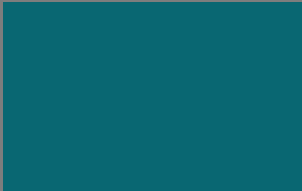
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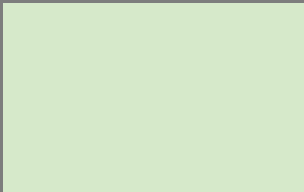
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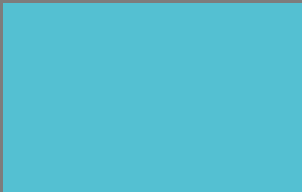
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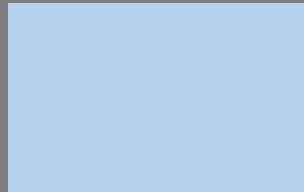
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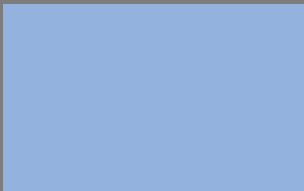
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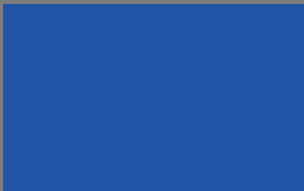
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DP0067



DP0069



DP 0071



DP 0033

Pure



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