

ECO GREEN LED CEILING & WALLS



VOLTS & WATTS INDIA

*Welcome
to the world of LED lights,
Where dreams are full of shapes and colours*

Company Profile

Started in the year 2002, we, “Volts & Watts India”, are counted amongst the eminent manufactures and wholesalers of a wide range of LED Ceilings and LED Lights under the brand name Luxceil. We are providing Customized LED Solution & our product range includes LED Decorative Ceiling , LED Acoustical Ceiling and LED Eco Green Ceiling. All our products are in accordance with international quality standards. Offered products are made by considering only quality approved components given by the trusted vendors of the market. Our products are widely in demand owing to its special features such as optimum performance, higher durability and long service life.

Introduction



A decorative technology of LED lights to create unusual lighting and acoustical effect. Eco Green ceilings and walls are an ideal solution for those who want to establish a unique lighting system and bring life to their imagination of bold ideas, shapes, colours, texture and style.

DESCRIPTION OF THE PRODUCT

The Luxceil Ceiling system consists of a membrane made of a synthetic material, cut to shape and size and installed as a false ceiling in a specific space. But unlike conventional ceilings, the Luxceil Ceiling system is fixed only around the edges, mainly at a chosen height, using a specially designed anchoring system, and always equipped with a safety locking system. The anchoring system guarantees solid fixing, but is easily removed.



Features

- Possibility of different shapes, form or application
- Integration with other ceiling fittings
- Combination with wood and P.O.P
- More than 100 Exquisite colours & 10 innovative finishes
- Light weight
- Needs no finish or paint touch up.
- Quick installation
- Anti-bacterial
- Anti-fungal
- Anti-static
- Impermeable to water & steam
- Energy saving
- 100% recyclable



YOUR INTERIOR TRANSFORMED IN AN INSTANT

A place for sharing meals and receiving friends, we all want our dining room to have a welcoming feel. For both renovation projects and new builds, Luxceil ceilings are an ideal for any size of room. It can be fitted quickly and directly underneath your old ceiling with no demolition work or dust. This allows you to keep almost the same ceiling height as before, although it can also be fitted lower if you wish. The wide choice of shapes and colours available means you can blend your new ceiling in with your existing decor or opt for a completely new effect.



Technical Specification

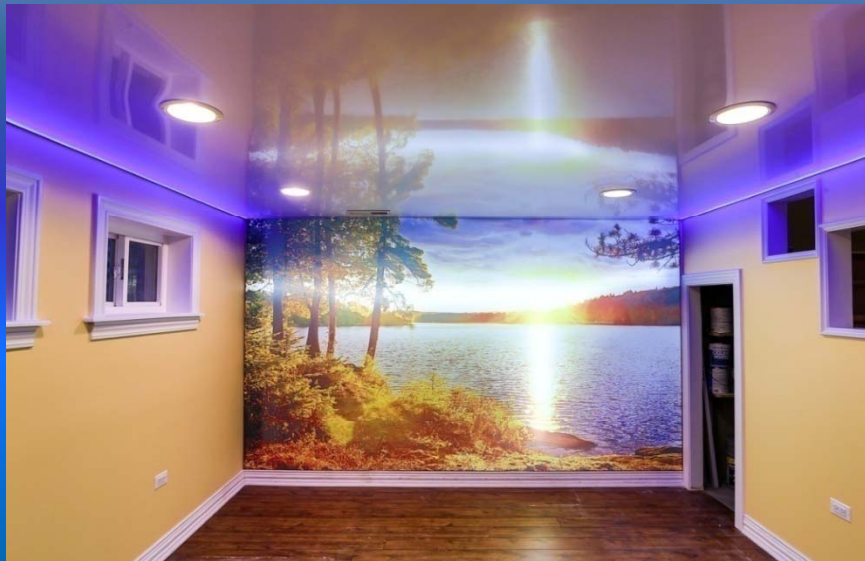
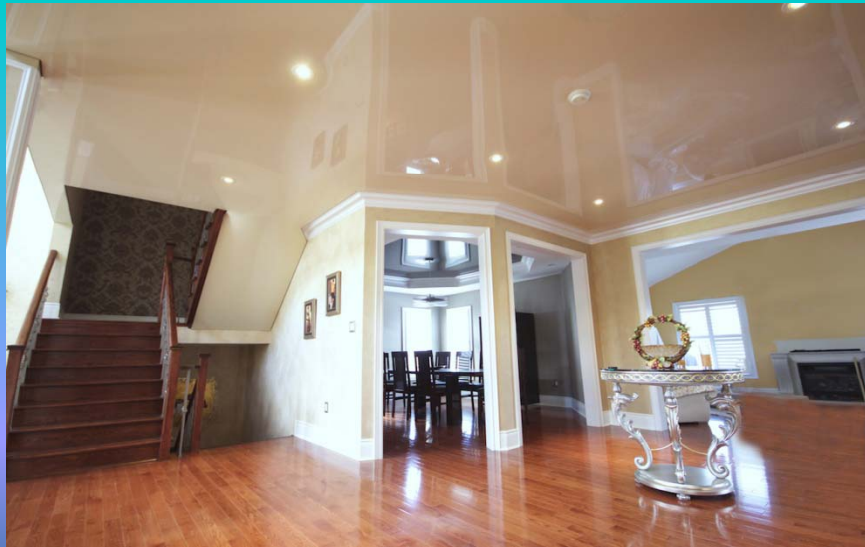
Item No.	Technical items	Standard index	Test result	Qualification
1	Tensile strength	$\geq 18\text{MPa}$	22 MPa cross direction	YES
			24.3 MPa length direction	
2	Elongation at break	$\geq 180\%$	268% cross direction	YES
			233% length direction	
3	Right tearing strength	$\geq 50\text{kN/m}$	71.4 kN/m length direction	YES
			78.2 kN/m length direction	
4	The ability to perform perforation:	length direction: $\leq 8.0\%$	3.90%	YES
		cross direction: $\leq 2.0\%$	1.30%	YES
5	Heating loss rate	$\leq 2.0\%$	1.10%	YES
6	Cold tolerance	no cracking -25°	no cracking	YES
7	vinyl chloride monomer (mg/kg)	≤ 5	not found	YES
8	Heavy metal	soluble lead (mg/m ²) $\leq 20\%$	not found	YES
		soluble cadmium (mg/m ²) $\leq 20\%$	not found	YES
9	volatile limit (g/m ²)	≤ 10	2.5	YES

Absorption coefficient	Frequency (Hz)	100	125	250	500	1000	2000
	non-perforate surfaces α_{N1}	0.05	0.05	0.05	0.05	0.08	0.3
	perforate depth 50mm α_{N1}	0.1	0.15	0.2	0.95	0.28	0.16
	Absorption coefficient for non-perforate surface: 0.10 Absorption coefficient for perforate depth 50mm : 0.40						

Ceiling Item	Material	Ceiling Weight	Bearing Weight	Thickness	Width	Fire Proof Level
Translucent Ceiling Film	PVC	230g/m ²	m ² /195kg	0.15mm	1.5-5m	B1

Ceiling Item	Anti-Fungus	Anti-Mildew	Light Transmission	Working Temperature
Translucent Ceiling Film	0 LEVEL	0 LEVEL	75%	From-30° to 60°

Luxceil Ceilings For Residential & Commercial



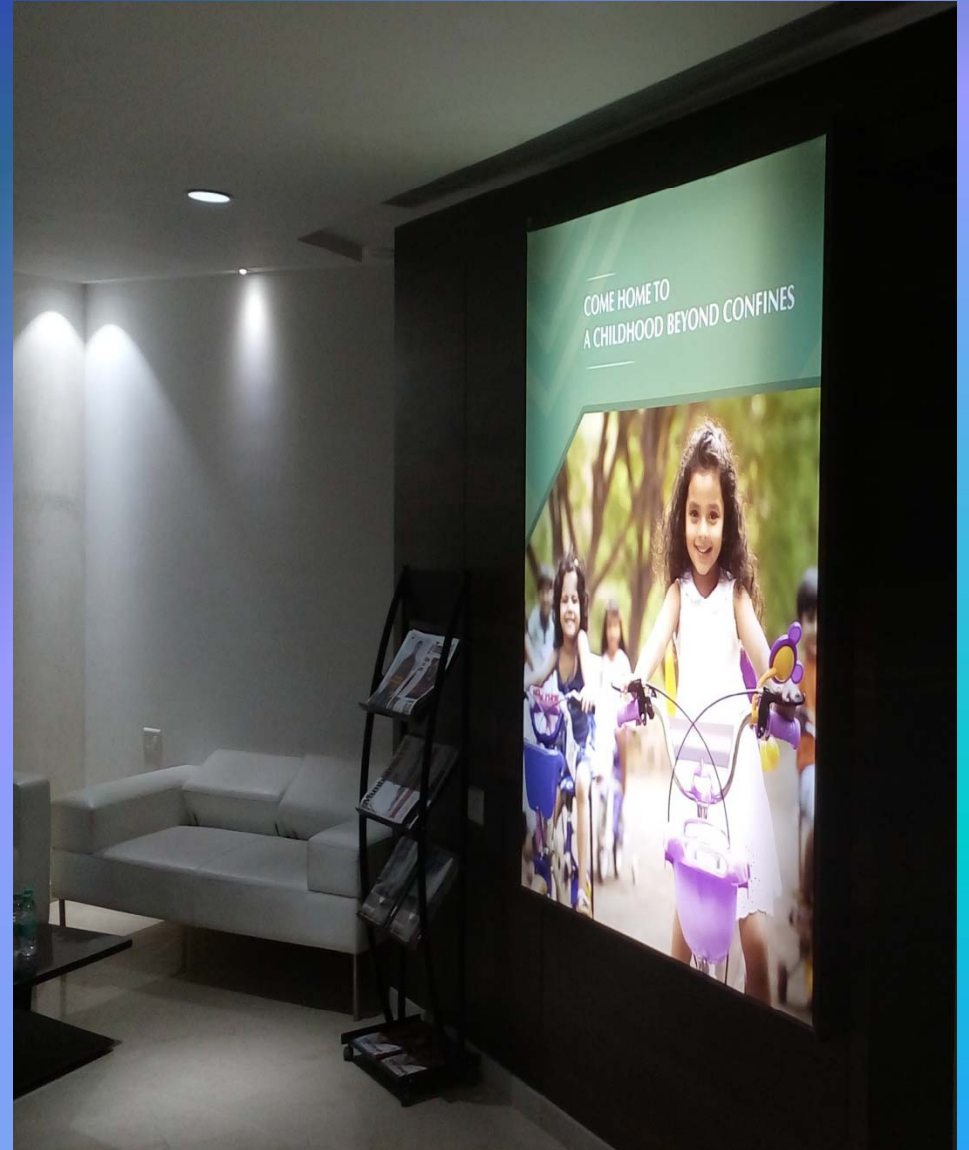
Luxceil Ceilings For Hotels & Swimming Pool



Luxceil Ceilings For Showrooms & Hospitals



Projects Executed





Customized Lighting Solutions



Thank you



VOLTS & WATTS INDIA

Email id: info@voltsandwattsindia.net
Website: www.voltsandwattsindia.net
Mobile no: +91 8141445446