



ABOUT COMPANY

HYNADECOR is one of the leading manufacturers of Aluminium composite panels (ACP) in India. HYNADECOR, an ISO 9001-2015, ISO 14001:2015 & OHSAS 18001:2007 certiied company was set up since 2013 in New Delhi. We are manufacturing aluminium composite panels (ACP) under the brand name of "HYNADECOR". Our manufacturing facilities are located at Sonipat in Haryana and it's spreading in an area of 8093 SqMtr. We have a fully automatic high tech FR grade ACP manufacturing compatible machine and has an integrated infrastructure as well as a talented pool of professionals operate it. The production capacity is approx. 1, 44, 000, 00 Square fts per annum. The plant is equipped with all safety measures and generator to ensure uninterrupted production. We have in house all raw materials facilities as well as quality check labs to maintain highest international standards and where quality endurance tests are conducted as per ASTM Standards.

We have India's irst a fully automatic high tech ire retardant ACP manufacturing compatible machine and it's specialize in manufacturing ire retardant aluminium composite material with international standards. We tend to implement best practices and also invent new practices as to stay above the rest in the manufacturing sectors. The main parameters which determine HYNADECOR FR are quality, cost efective, lexibility and innovation. It's used to be very discutt to extrude mineral-illed core, but our advanced technology has enabled us to produce HYNADECOR (FR) as escient as ordinary core materials. It is green material, as there is no harmful burning.

HYNADECOR FR grade meet the highest requirements of the ire regulations and is therefore the ideal material for all areas where ire protection plays an important role— be it for high-rise or industrial buildings, public buildings, hospitals, hotels, tunnels or underground stations. Furthermore, with its proven product and processing properties, HYNADECOR FR grade aluminium composite panels ofer architects designers' unlimited opportunities for realizing their ideas.

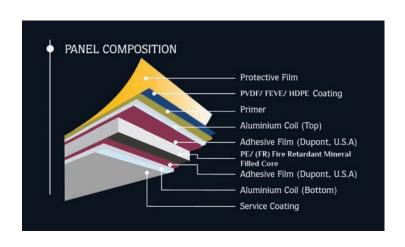
We are also committed to innovation in designing building products....

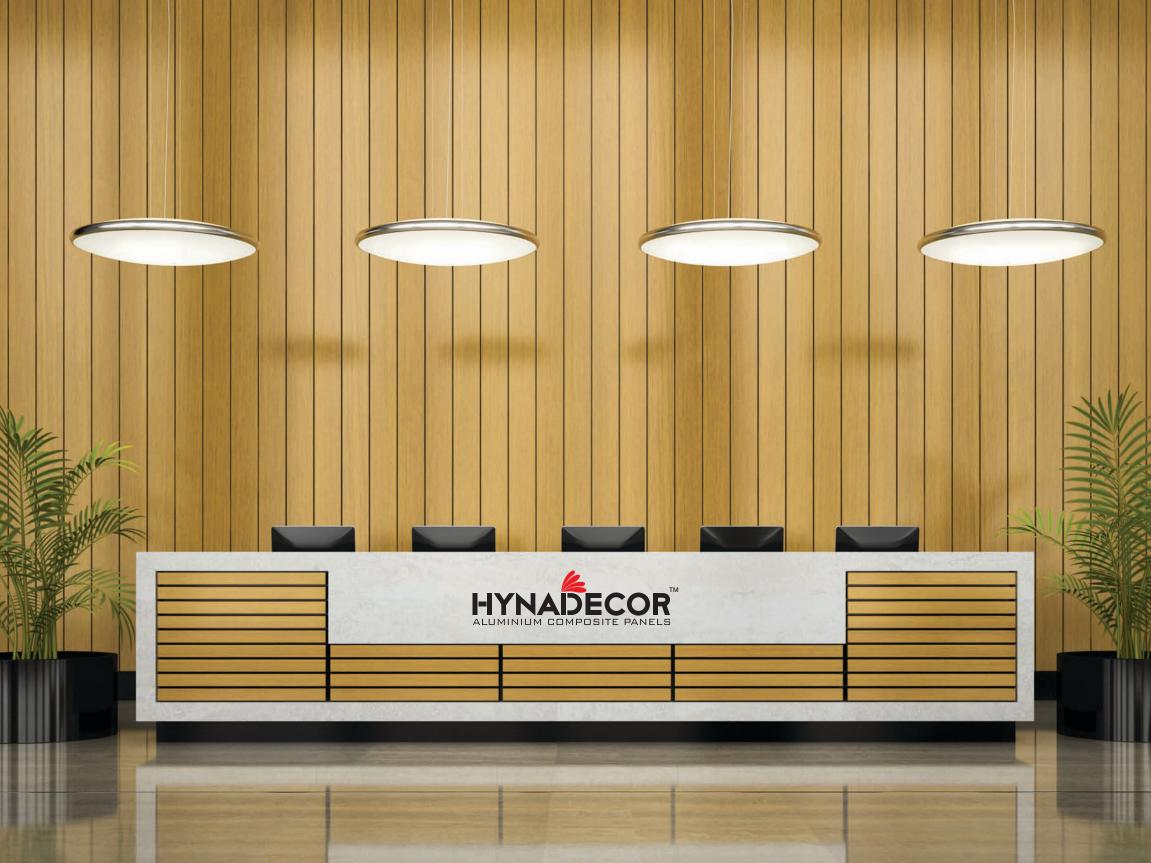
PANEL DIMENSIONS

Al. Skin Thickness	0.25mm to .5mm	STANDARD	1220 mm x 3660 mm
Thickness	2mm to 6mm	SIZES	1220 mm x 3050 mm
Coating	PVDF		1220 mm x 2440 mm
Length	Upon Request		
Width	1220mm		

PRODUCT TOLERANCE

Width	0/±4.0mm
Length	0/±6.0mm
Thickness	4mm thick ±0.2mm
Bow	0.5% of length & Widt
Squareness	Max 5.0mm

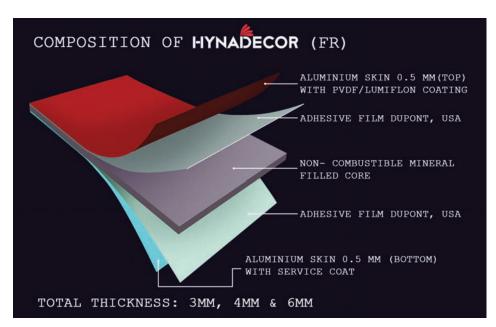






Hynadecor (FR) is an Aluminum Composite Material (ACM) for exterior cladding. It's composed of core material and aluminum skins. The core material contains a non-combustible mineral and small content of thermoplastic, which ensures high performance of ire safety of this material. The skin is 0.5mm thick aluminum of 3005 H-16. The surface is inished with high-performance PVDF/Lumilonbased paint and the back is a service coating. We use high-performance PVDF/Lumilonbased luorocarbon paint for the surface coating, ensuring both high durability and consistent coating quality. PVDF/Lumilon-based luorocarbon coating has a coating warranty of 10 years.

The greatest concern in external cladding is upward laming over a vertical exterior wall, particularly in high-rise buildings. Various types of ire tests are required to examine the ire performance and non-combustibility of building materials. HYNADECOR (FR) not only passes all tests, but it is also certiied to meet NBC for external cladding without any height restrictions.





GENERAL SPECIFICATION

DIMENSIONS	MEASUREMEN	Т
Thickness Width Length Bow Diagonal Lines Diference	3mm, 4mm, 5mm, 6mm (±0.2mm) 1200mm (±2mm) Less than 6000mm (±4mm) Max 0.5% of any dimensions Max 5mm	
PHYSICAL PROPERTIES	STANDARD	MEASUREMENT
Panel Weight 4MM=5.5 Kg/m²	ASTM D-792	3MM=4.6 Kg/m ²
Thermal Expansion Thermal Conductivity (4mm)	ASTM D-696 ASTM D-976	3X10-5/°C 0.39Kcal/M.hr.°C
Deformation temperature	ASTM D-648	115°C
MECHANICAL PROPERTIES	STANDARD	MEASUREMENT
Tensile Strength Yield Strength Bending Strength 120MPa(4mm)	ASTM D-638 ASTM D-638 ASTM C-393	49MPa 44MPa
Flexural Elasticity Shearing Strength Penetrating Resistance Adhesive Peel of Strength Wind Pressure resistance Resistance against water	ASTM C-393 ASTM D-732 ASTM D-732 ASTM D-903 ASTM E-330 ASTM E-331	2.6X104(4mm) 33MPa 11 kN 10N/MM Passed Passed
Resistance against air	ASTM E-283	Passed



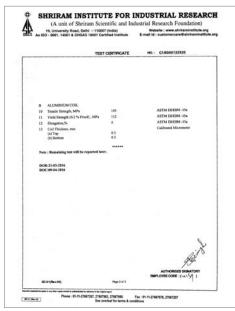
Test Certificates



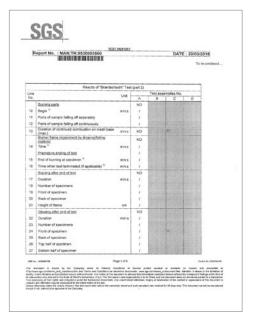


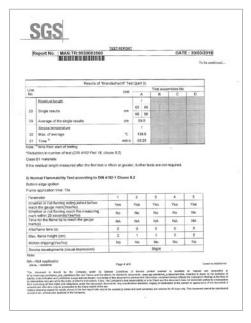
















Wooden Series



HD-200 ROYAL WALNUT●●



HD-201 CARISMA WOOD



HD-202 TROPICAL TEAM •



HD-203 NEW EBONY



HD-204 SPLATED RUST WOOD •



HD-205 ROSE WOOD

Wooden Series





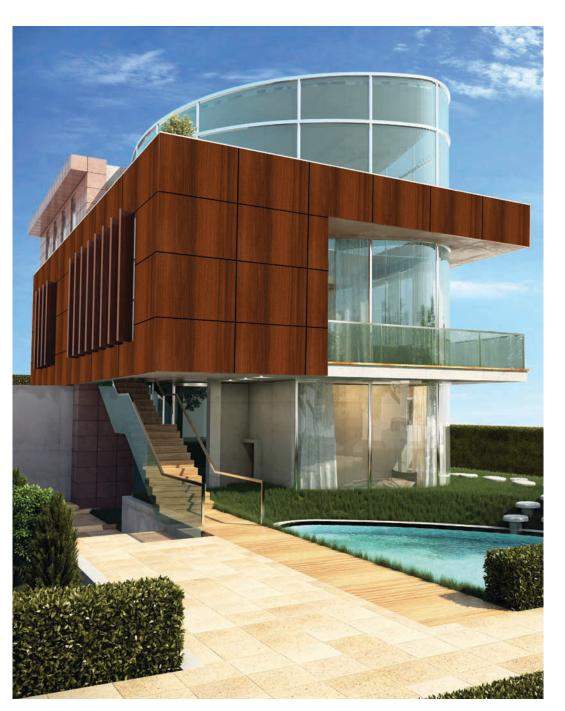
HD-206 NATURAL WOOD • •



HD-207 INDIAN WALNUT • •



HD-208 ROYAL WOOD •







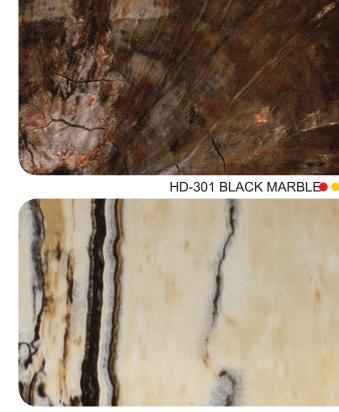
Marble & Mirror Series



HD-300 EMPERADOR



HD-302 ITALIAN MARBLE



HD-303 YELLOW STONE MARBL

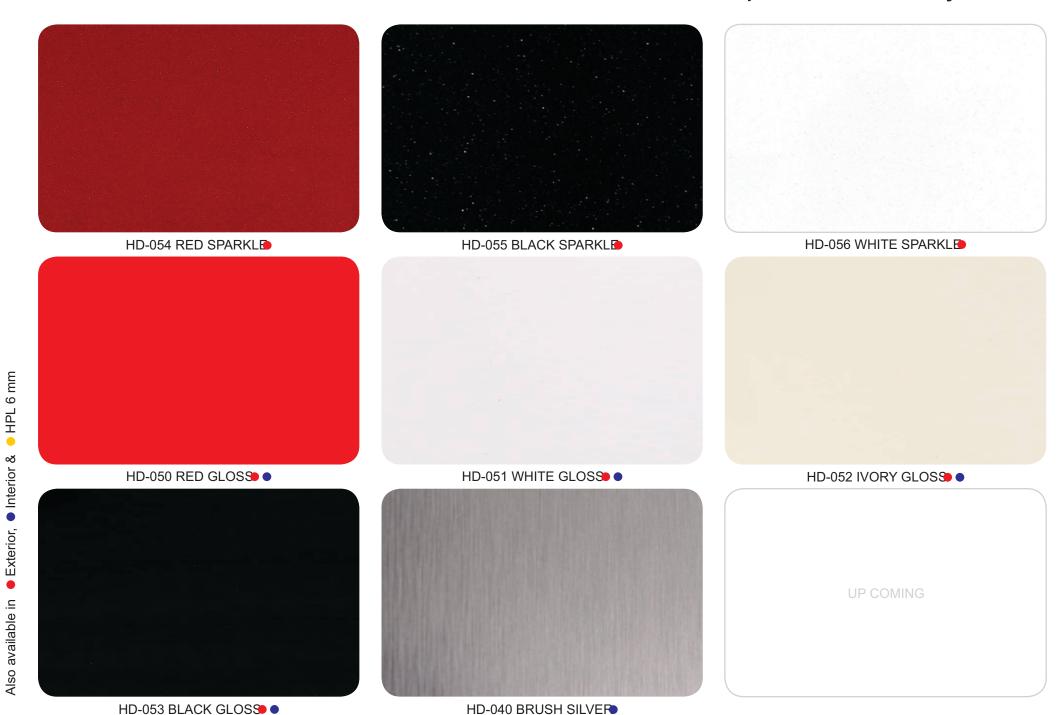


HD-042 MIRROR SILVER





Brush, Sparkle & Glossy Series







Solid & Metallic Series







Solid & Metallic Series







Solid, Metallic, Wooden & Marble APP Series





























An ISO 9001: 2015 ISO 14001: 2015 OHAS 18001: 2007 Certiled Company

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2/2/2, Village-Wazidpur Saboli,

Block-Rai Saboli, District - Sonipat-131001, Haryana. INDIA

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info@hynadecor.com www.hynadecor.com

*Colour may vary from batch to batch $\triangle \pm 5$

To avoid colour variation, place an order the total quantity for one particular building. To avoid possible relection of light variation, install panels in the same direction as marked on the protective ilm.



