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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 certified 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 first a fully automatic high tech fire retardant ACP manufacturing compatible machine and it's specialize in manufacturing fire 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 effective, flexibility and innovation. It's used to be very difficult to extrude mineral-filled core, but our advanced technology has enabled us to produce HYNADECOR (FR) as efficient as ordinary core materials. It is green material, as there is no harmful burning.

HYNADECOR FR grade meet the highest requirements of the fire regulations and is therefore the ideal material for all areas where fire 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 offer architects designers' unlimited opportunities for realizing their ideas.

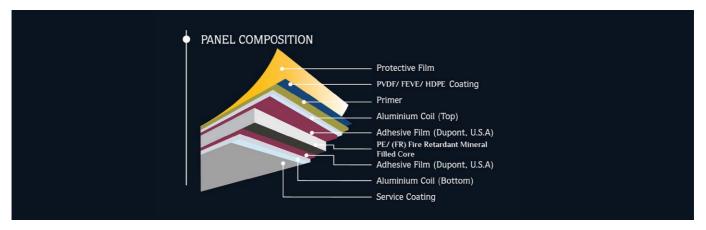
We are also committed to innovation in designing building products....

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 & Width	
Squareness	Max 5.0mm	





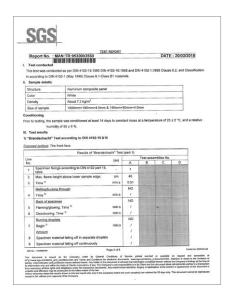
Hynadecor (FR) is an Aluminum Composite Material (ACM) for exterior cladding. It's composed of core material and aluminum skins. The core material contains a non-combustible mineral and small content of thermoplastic, which ensures high performance of fire safety of this material. The skin is 0.5mm thick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

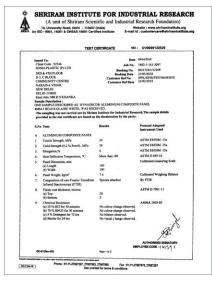
The greatest concern in external cladding is upward flaming over a vertical exterior wall, particularly in high-rise buildings. Various types of fire tests are required to examine the fire performance and non-combustibility of building materials. HYNADECOR (FR) not only passes all tests, but it is also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

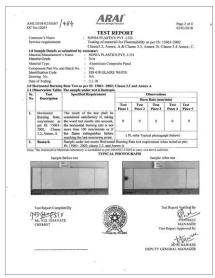
GENERAL SPECIFICATION

GENERAL SPECIFICATION		
DIMENSIONS	MEASUREMEN	Т
Thickness Width Length Bow Diagonal Lines Difference	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/m²
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 Flexural Elasticity Shearing Strength Penetrating Resistance Adhesive Peel off Strength Wind Pressure resistance Resistance against water Resistance against air	ASTM D-638 ASTM D-638 ASTM C-393 ASTM C-393 ASTM D-732 ASTM D-732 ASTM D-903 ASTM E-330 ASTM E-331 ASTM E-283	49MPa 44MPa 120MPa(4mm) 2.6X104(4mm) 33MPa 11 kN 10N/MM Passed Passed Passed











Wooden Series



HD-200 ROYAL WALNUT ● ●



HD-203 NEW EBONY ● ●



HD-201 CARISMA WOOD ● ●



HD-204 SPLATED RUST WOOD ••



HD-202 TROPICAL TEAK ● ●



HD-205 ROSE WOOD ● ●



Wooden Series





HD-209 NEW OAK PINE • •



HD-207 INDIAN WALNUT ● ●



HD-210 ZEBRA WOOD ● ●



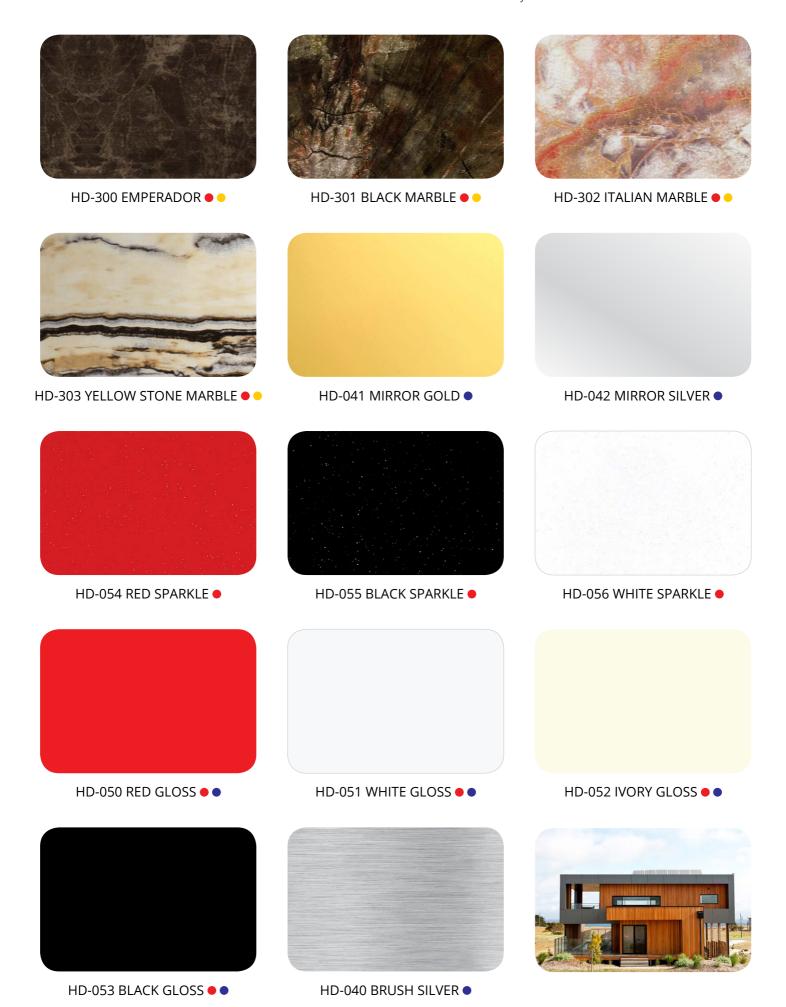
HD-208 ROYAL WOOD • •



HD-211 AFRICAN WOOD • •



Marble, Mirror, Sparkle, Glossy & Brush, Series





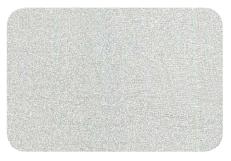
Solid & Metallic Series



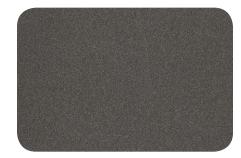




Solid, Metallic, Wooden & Marble APP Series



HB-001 BRIGHT SILVER



HB-005 METALLIC GREY



HB-007 ROYAL GOLD



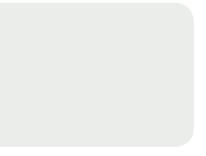
HB-010 DUCTILE COPPER



HB-016 RICH RED



HB-018 NATURAL IVORY



HB-019 GLAIRE WHITE



HB-029 DARK BROWN



HB-050 WALNUT TIMBER



HB-051 OXFORD CHERRY



HB-052 WENGE WOOD



HB-053 MAHAGONY





Also available in • Exterior, • Interior • 0.5 Series & • HPL 6 mm







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

Head Office: 701, 7th Floor, Kings Mall , Twin District Centre,

Rohini, Sector-10, Delhi-110085, INDIA

Factory: Khewat No 458, Khatta No-532, Killa No-32/1/2,

2/2/2, Village-Wazidpur Saboli,

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

Email: factory@hynadecor.com

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 reflection of light variation, install panels in the same direction as marked on the protective film.

















