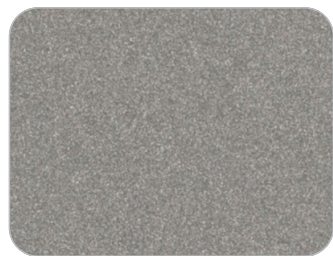


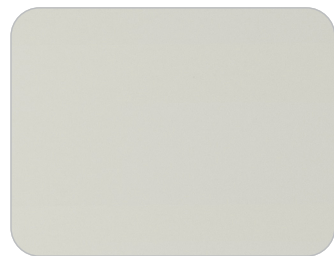
Alu decoR[®]



THE PERFECT WEATHER SHIELD FOR FACADES



AD - 1001 | Exotic Silver



AD - 2001 | Pure White



SP - 05E | Butler Steel



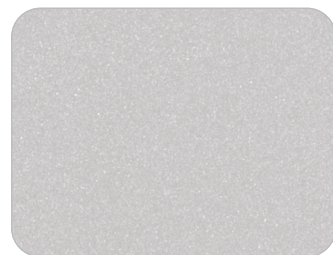
SP - 06E
Stainless Steel



PE - 05
Titanium Brushed



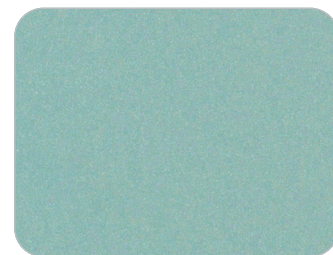
PE - 10
Natural Brushed Aluminium



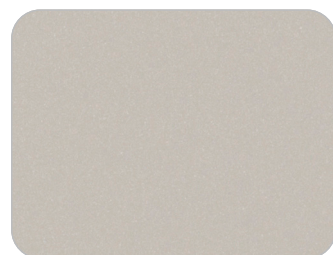
AD - 01 | Exotic Silver



AD - 02 | Soothing Silver



AD - 04 | Jade Green



AD - 03 | Champagne Silver



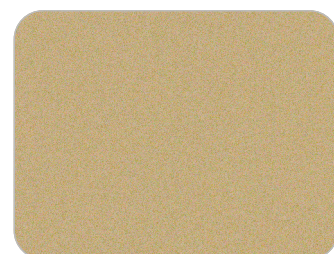
AD - 05 | Champagne Gold



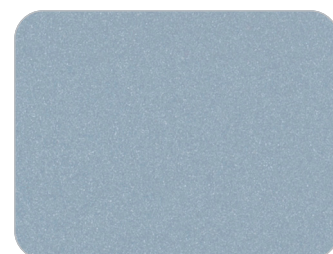
AD - 09 | Bronze



AD - 06 | Copper



AD - 07 | Gold



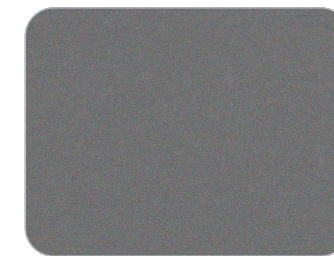
AD - 08 | Metallic Blue



AD - 11 | Fashion Grey



AD - 31 | Black



AD - 32 | Metallic Black



AD - 41 | Dark Blue



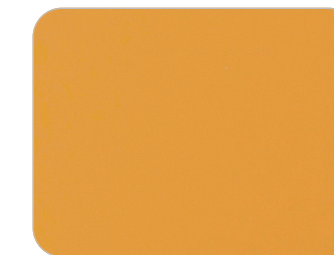
AD - 84 | Rose Metallic



AD - 92 | Bright Orange



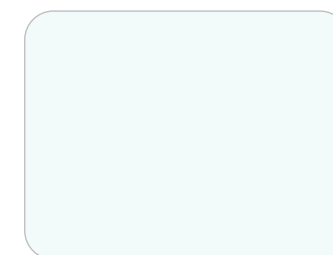
AD - 43 | Signal Blue



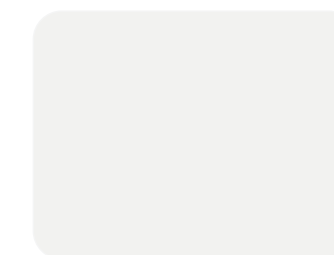
AD - 61 | Traffic Yellow



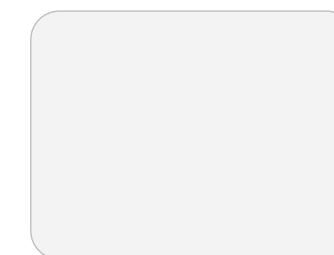
AD - 73 | Red



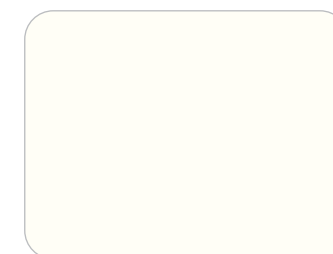
AD - 21 | White



AD - 22 | Off White



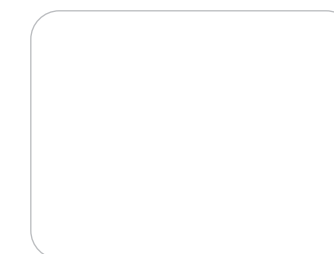
AD - 201 | Pure White



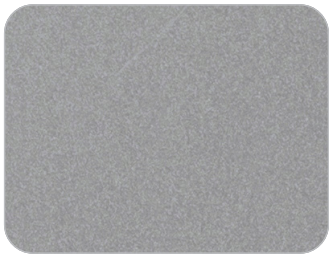
AD - 202 | Milky White



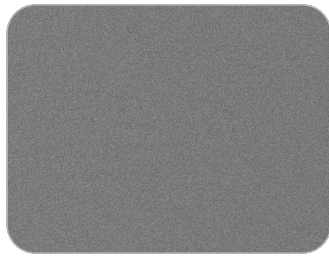
AD - 203 | Pearl White



AD - 206 | Brilliant White



AD - 301 | Gun Metallic



AD - 302 | Grey Metallic



AD - 508 | Alu Gold

Heritage of Performance

Heritage in Aludecor has been a rule of engagement with our valued customers, an act of communication, as well as, delivering contemporary and world-class designs and decors.

Panel Dimensions					
Standard Sizes	2440 mm x 1220 mm		3050 mm x 1220 mm		3660 mm x 1220 mm
Grades					
	Panel Thickness	Top Skin		Bottom Skin	
AL 45	4.00 mm	0.5 mm		0.5 mm	
Coating Thickness					
Front Coil/Top Skin			Back Coil/Bottom Skin		
Double Coat PVDF/Lumiflon - 24 μ - 28 μ Triple Coat PVDF - 30 μ -35 μ Single Layer Anodized - 10 μ Suppliers: AkzoNobel/PPG/Beckers/Nippon			4μ - 7μ Service Coat		
Product Tolerance					
Width	Length	Thickness		Squareness	Bow
		Coil	Panel		
±2.0 mm	±4.0 mm	±0.03 mm	±0.2 mm	Maximum 5.0 mm	Maximum 0.5% of width and/or length
Application					
Exterior					

- AD -1001, AD - 2001, SP - 05E, SP - 06E, PE - 05 & PE - 10 are Special Category products
- Shades may vary from batch to batch
- For warranty and related matters please contact our toll free number: 1800 102 0407

The colours presented on this chart are representations. Actual colour of manufactured product may vary from the chart. Colour perception is affected by degree of gloss, texture, and lighting conditions. For best results, always request a product sample.

Wind Load Withstanding Capacity of Aludecor AL 45 Panel

Wind Load Calculation Formula:

Max. Stress= $\beta \times w \times b^2/t^2$ Kg/mm²

- w : Wind Pressure (N/mm²)
b : Shorter side of the panel (mm)
t² : (Panel Thickness³-LDPE Thickness³)/Panel Thickness
 β : Coefficient which comes from panel size ratios and connection types

Aludecor AL 45 Panel Specification			
Panel Thickness (mm)	Aluminium Skin Thickness (mm)	LDPE Thickness (mm)	t ²
4	0.5	3	9.25

β values as per the longer side: Shorter side of the panel

Four Side Fixed Panel (Tray System)							
a/b ratio	1	1.2	1.4	1.6	1.8	2	More than 2
β	0.3078	0.3834	0.4356	0.468	0.4872	0.4974	0.5

Two Side Fixed Panel							
a/b ratio	1	1.2	1.4	1.6	1.8	2	3
β	0.2874	0.3762	0.453	0.5172	0.5688	0.6102	0.7134

‘a’ is the longer side of the panel, ‘b’ is the shorter side of the panel

Maximum Stress on Aludecor AL 45 Panel						
Wind Load (kg/m ²)	w	b	β	t ²	Max Stress (KgF/m ²)	Max Allowable Stress (KgF/m ²)
170	0.00017	1220	0.3078	9.25	8.42	14
200	0.0002	1220	0.3078	9.25	9.91	14

Thus, it can be seen from the above calculation that the Maximum Stress put on 1220 mm x 1220 mm Aludecor AL 45 panel by wind load of 170 kg/m² is 8.42 KgF/m² and by wind load of 200 kg/m² is 9.91 KgF/m², both of which are much less than the maximum allowable stress of 14 KgF/m²

We use



Setting Global Benchmarks

Aludecor Lamination Pvt. Ltd. forayed into the building and design domain to transform the look of tomorrow's constructions. A trendsetter in ACP and coated coils which embellish the interiors and exteriors of buildings, Aludecor has helped to create contemporary structures that are head turners as well.

Through constant technological innovations and research, Aludecor has set new standards of excellence and introduced a new aesthetic quotient.

Aludecor is proud of its pan-India presence. Expansive production units in Haridwar, a wide dealer network and a highly efficient sales team meet the challenges of the market with exemplary efficiency.



Advantage Aludecor

Manufactured with fully recycled products, Aludecor ACP facilitates earning **LEED credits MR 4.1 and MR 4.2**

Only **lead-free paints** are used to negate health hazards

The building's **thermal insulation can be enhanced** when clad with Aludecor ACP owing to the air pocket formation between the structural wall and the panels

Aludecor ACP **minimises aluminium usage.**

This is because without using more than 1 mm of the metal, Aludecor ACP gives the same firmness of a solid aluminium panel

Can be fire rated and come under Aludecor Firewall which resists fire for 2 hours, prevents fire propagation, suppresses smoke and produces zero flaming droplets or particles as per the tests (ASTM E119-12 and B-s1, d0 of EN 13501-1) conducted at **Exova Warringtonfire, UK**

Aludecor ACPs with cool colours have **Lumiflon-based Fluoropolymer paint finish** which offer high solar reflectance thereby enhancing a building's energy efficiency. Facilitates earning **LEED credits ID 1.1 to 1.4**





Head Office

Kolkata Suite No. 52, 5th Floor, 1, R.N. Mukherjee Road, Kolkata - 700001, West Bengal
Ph: +91 33 40276600 | Fax: +91 33 22488763

Zonal Offices

Kolkata Suite No. 320, 3rd Floor, 1 R.N. Mukherjee Road, Kolkata - 700001, West Bengal
Ph: +91 33 40276600 | Fax: + 91 33 22488763

New Delhi Building No. 41, 3rd Floor, M. M. Road, Rani Jhansi Road, New Delhi - 110055
Ph: +91 11 45537777 | Fax: +91 11 45537799

Mumbai 402, Cello Triumph, I.B. Patel Road, Opp. Laghu Udyog
Goregaon (E), Mumbai - 400063
Ph: +91 22 26866633 | Fax: +91 22 26860521

Chennai 150/117, Montieth Road, Room No. 1, 4th Floor, Cisons Complex
Next to Alsa Mall, Egmore, Chennai - 600008
Ph: +91 44 42148831 | Fax: +91 44 42146226

Bangalore 69/5A Swamy Krupa Building, Flat No. 4, 2nd Floor, Near Bhanu Nursing Home
Begur Hobli, Bommanahalli, Hosur Main Road, Bangalore - 560068
Ph: +91 80 32919425 | Fax: +91 80 25730479

Branch Offices

Ahmedabad C/510, 5th Floor, Dev Aurum, Opp. Commerce House
Anand Nagar Road, Prahlad Nagar, Ahmedabad - 380015
Ph: +91 79 40027101/100

Kochi 12/167 A1, Civil Line Road, Vazhakkala, Kakkanad, Thrikkakara Municipality Area
Opp. St. Joseph Church, Ernakulam - 682030
Ph: +91 484 4030260 | Fax: +91 484 4030299

Pune Office No. 4B - Wing, Gokul Nagar, Dnyaneshwar Paduka Chowk
1184/4, F. C. Road, Shivaji Nagar, Pune - 411005, Ph: +91 20 25535220

Lucknow D-351, 1st Floor, Vibhuti Khand, Gomti Nagar, Lucknow - 226010
Ph: +91 522 4071461

Hyderabad SY No. 12, MBN Reddy Estate, Malla Reddy Garden, Plassey Lane, Bowenpally, Secunderabad
Hyderabad, Telangana - 500009, Ph: +91 40 42024883

Ghaziabad 22-B, Rajendranagar Industrial Area, Sahibabad, Dist. Ghaziabad (U.P.)

Works

Haridwar (Unit 1) Plot No. 95, 96 & 97, Sector-V, IIE, Sidcul, Ranipur, BHEL, Haridwar, Uttarakhand - 249403
Ph: +91 133 4239343 | Fax: +91 133 4239342
(Unit 2) Plot No. 31A, Sector-11, IIE, Sidcul, Ranipur, BHEL, Haridwar, Uttarakhand - 249403

Toll Free No.: 1800 102 0407 | info@aludecor.com, feedback@aludecor.com | www.aludecor.com

CIN: U27203WB2004PTC099221

A percentage of our sales proceeds is used for welfare purposes