

# ALU COAT

Premium Aluminium Extrusions



POWDER COATINGS • PU COATINGS  
PVDF COATINGS • WOOD COATINGS



## Company Profile

**ALUCOAT** is specialized in aluminium extrusion surface finishing, promoted by SANCHETI GROUP who are pioneers in aluminium extrusions trading, anodising & fabrication business since 1981.

In a quest to provide world class surface treatment plant for aluminium extrusions **ALUCOAT** is setup on 108000 Sq. Ft. area, with state of art equipments as well as advance processing technology for Powder coating, Poly Eurathene Coating, Floro Carbon Coating (PVDF) & Wood grain Coating.

Our commitment is to deliver customer better experience with unmatched quality product, right from procurement of material to final delivery, every aspect is thoroughly inspected by experienced team.





On conveyORIZED powder coating and liquid painting line, 7 tank pretreated aluminium extrusions are coated with reciprocated auto spray guns and powder management systems. 36 vacuum head double trolley wood grain transfer machine delivers superb quality wood coatings in huge volume. As a result today we are one of the largest supplier of surface treated aluminium extrusion in north India.

Backed by inhouse test laboratory to check coating film thickness, gloss level, colour deterioration, conical bend test, hammer test ensure quality check of process.

The process performance is accelerated by certification from market leaders Akzo Nobel.

In order to bridge a gap between extrusion company and a job applicator. **ALUCOAT** inhouse provide a large stock of aluminium extrusions, to cut down waiting time for finished extrusions.

Are you **aware** about  
the **coating life** of your  
**door & window**







Normally at time of placing order for door & window, what is in your mind? In general practice we do emphasis more about the **COLOUR** not the grade of coatings. Using substandard powders and paints for exterior application will turn your window as above photographs.

Due to lack of knowledge and cost cutting people use powder and paints of lower grade which result in chalking, fading, colour deterioration, gloss level change of article. Black turn to grey, brown and reds turn to redoxide colour, white turn to offwhite & off white turns to ivory.

At **ALUCOAT** we guarantee aluminium extrusions surface coating life up to 30 years. Ranging from interior grade coatings to super durable & hyper durable coatings with life cycles ranging from 5 years to 30 years in matte, satin, high gloss, anti-scratching sandtexture, metallic, crystal, wood and stone finish in powder & liquid paints.



## POWDER COATINGS

Amongst methods employed for protective and decorative purpose of aluminium profiles used in buildings and architecture application, powder coating is most common and getting popularity worldwide because of its outstanding stiffness, durability, cost effectiveness and above all a variety of attractive colours that it offers.

The quality of finished powder coated material is the result of both coating powder and powder coating process.

As such the first essential requirement of quality assurance in powder coating is quality of coating powder. For this we are using best available powders from Akzo Noble and Jotun Paints Ltd (Market Leaders in powder coating).

### **Powder Coating Process**

Powder coating are solid paints ground in form of fine powder. The finely grinded powder is fluidized in a hopper with the help of dust and moisture free compressed air at low pressure. The fluidized powder is applied to the article by spraying with an electrostatic spray gun. Once the powder which is negatively charged is sprayed on the positively charged job in a booth, curing is done in baking oven at a temperature of around 180 to 225 deg. centigrade for 10-12 minutes, powder thereby getting fused gives a smooth and elegant finish.

At **ALUCOAT** first 7 tank pretreatment process of aluminium profiles is carried on cranes with minimum human interface, than on conveyerised line material go through pre heat oven for making it moisture free. With auto powder management system, sophisticated reciprocated auto guns and twin SS cyclone ensure uniform coating thickness. 27 mtr. long curing oven give perfect backing to article. Mechanically surface protective film is applied on extrusions to avoid scratches during transit and installation. Before dispatch in house lab test is carried out to ensure coating quality, which confirms to the highest industry standards.

### **Finish**

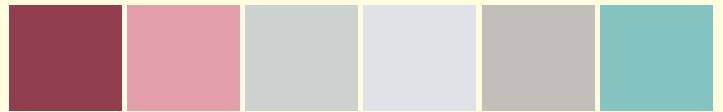
We provide uniform exquisite powder coating finish in interior grade, exterior grade, super durable grades & hyper durable grades (coating lifecycle of powder ranging up to 30 years is guaranteed by our vendor's Akzo Noble & Jotun Paints Ltd.), in matte, satin, high gloss, anti-scratching sandtexture, metallic finish, crystal finish, wood and stone finish.



# Colours Inspired by Nature



RAL 1000 RAL 8025 RAL 8017 RAL 7009 RAL 5024 RAL 5002



RAL 4002 RAL 3015 RAL 9018 RAL 7047 RAL 7044 RAL 6027



RAL 7002 RAL 1002 RAL 9001 RAL 7035 RAL 7040 RAL 7031



RAL 2011 RAL 3001 RAL 6000 RAL 5005 RAL 1018 RAL 7010



RAL 9005 RAL 7039 RAL 7045 RAL 7044 RAL 1013 RAL 9010



RAL 7024 RAL 5014 RAL 7001 RAL 7047 RAL 9003 RAL 9016

Colour shades are indicative only, actual shade may vary from picture



## PVDF, PU-RESIN BASED METAL COATINGS

**How can you assure that beauty and the colour of structure will last long in future, that with time climate do not diminish it.**

By specifying metal coating system based on long life fluoro carbon coatings commonly known as PVDF (Poly Vinylidene Fluoride ) & Poly Etheramide coatings, such systems assure that the structure's original appearance will survive for many years with surfaces highly resistance to Sun's UV radiation & harsh atmospheric condition.

Long term exposure to weather affects the appearance of coatings in several ways - colour change, gloss deteriorations, surface erosion that leaves a faded, chalky surface.

The rugged durability, the extraordinary wear resistance and the aesthetic possibilities of PVDF resin has made this the coating of architects and designers around the world.

PVDF can be found on monumental, highrise, institutional, commercial, industrial, military and pre engineered buildings throughout the world.

It is appropriate for institutional use at school, hospitals, commercial structures, industrial application and shop fronts, Where longest life with minimal colour fading and chalking against weathering is required.

At **ALUCOAT** we precisely carried out these coating processes on conveyerized liquid painting lines with electrostatic guns to give best possible performance of the product.



*colours for life*





## WOOD SUBLIMATION COATINGS

Wood by grace & beauty is the first choice for door, window & furniture application by designers & architects. Replacing wood in door, window & furniture application by aluminium painted finish lack a feeling of grace & beauty as compared to wood.

### **What is the solution ?**

The answer to this question is **Sublimation**.

Sublimation is the art of imprinting specially painted product with a wood grain, marble tone or a number of other decorative finishes through a sublimation film. The ink from the film are heat transfer into the paint in a vacuum oven providing a long lasting extremely durable finish.

The sublimation process allows the beauty and warmth of wood, without the time consuming maintenance and expense associated with using natural wood. This offers a great solution for projects where fire codes prohibit the use of wood . Another advantage of woodgrain finishes is that they requires no maintenance. It is a environmental friendly alternative to preserve nature.

At Alucoat we provide exclusive range of natural wood grain in matte, gloss, & crystal finish.

## SERVE NATURE







PRESERVE NATURE



					
AL 1000	AL 1001	AL 1002	AL 1003	AL 1004	AL 1005
					
AL 1006	AL 1007	AL 1011	AL 012	AL 1013	AL 1014
					
AL 1015	AL 1016	AL 1017	AL 1018	AL 1019	AL 1020
					
AL 1021	AL 1023	AL 1024	AL 1027	AL 1028	AL 1032
					
AL 1033	AL1034	AL 1037	AL 2000	AL 2001	AL 2002
					
AL 2003	AL 2004	AL 2008	AL 2009	AL 2010	AL 2011
					
AL 2012	AL 3000	AL 3001	AL 3002	AL 3003	AL 3004
					
AL 3005	AL 3007	AL 3009	AL 3011	AL 3012	AL 3013
					
AL 3014	AL 3015	AL 3016	AL 3017	AL 3018	AL 3020
					
AL 3022	AL 3027	AL 3028	AL 3031	AL 4001	AL 4002
					
AL 4003	AL 4004	AL 4005	AL 4006	AL 4007	AL 4008
					
AL 4009	AL 4010	AL 5000	AL 5001	AL 5002	AL 5003
					
AL 5004	AL 5005	AL 5007	AL 5008	AL 5009	AL 5010
					
AL 5011	AL 5012	AL 5013	AL 5014	AL 5015	AL 5017
					
AL 5018	AL 5019	AL 5020	AL 5021	AL 5022	AL 5023
					
AL 5024	AL 6000	AL 6001	AL 6002	AL 6003	AL 6004





This color card is for indication purpose only. The application parameters affect the appearance of the coatings. Slight variations in finish may occur. This document is not contractually binding



# ALU COAT

Premium Aluminium Extrusions

**Office :** B-13, Sudershanpura Ind Area  
 22 Godown, JAIPUR (Raj.) 302006  
 Tel. +91-141-2217936, 2213490  
 Mob. : 9414059936

**Works :** Old Plywood Factory  
 Main Tonk Road, Chaksu ,  
 Jaipur -303901 ( Raj . ) INDIA  
 Mob. : 9829082970

Web. : [www.alucoatindia.com](http://www.alucoatindia.com), E- mail : [info@alucoatindia.com](mailto:info@alucoatindia.com), [alucoatindia@gmail.com](mailto:alucoatindia@gmail.com)