

ALU COAT

Premium Finishes for Aluminium Extrusions



WOOD & STONE SHADE CARD

Disclaimer :

Colour & pattern shown in shade card are indicative only, It may vary with actual product. Kindly refer to sample panel for actual image

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 **ALU**COAT 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 conveyorised 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.



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 floro carbon coatings commonly known as PVDF (Poly Vinyladene Flouride) & Poly Eurathene 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 conveyorized liquid painting lines with electrostatic guns to give best possible performance of the product.



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 sublimite film. The ink from the film are heat transfer into the paint in a vaccum 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





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WOOD 5 - D

 **ALU COAT**
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WOOD 7 - D

The image shows a close-up of a wood grain texture, likely a light-colored wood like pine or spruce. The grain is vertical and runs through the center of the image. There are several knots visible, particularly a large one in the upper right quadrant. The color is a mix of light tan and pale yellow, with darker brown lines indicating the wood's growth rings.

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WOOD 8 - E



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WOOD 10 - C



 **ALU COAT**
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WOOD 16 - Z



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WOOD 18 - E



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WOOD 20 - E



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WOOD 21 - E



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WOOD 22 - E



ALU COAT
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WOOD 23 - A



ALU COAT
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WOOD 25 - A



ALU COAT
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WOOD 25 - D



ALU COAT
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WOOD 25 - E



ALU COAT
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WOOD 26 - A



 **ALU COAT**
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WOOD 28 - D



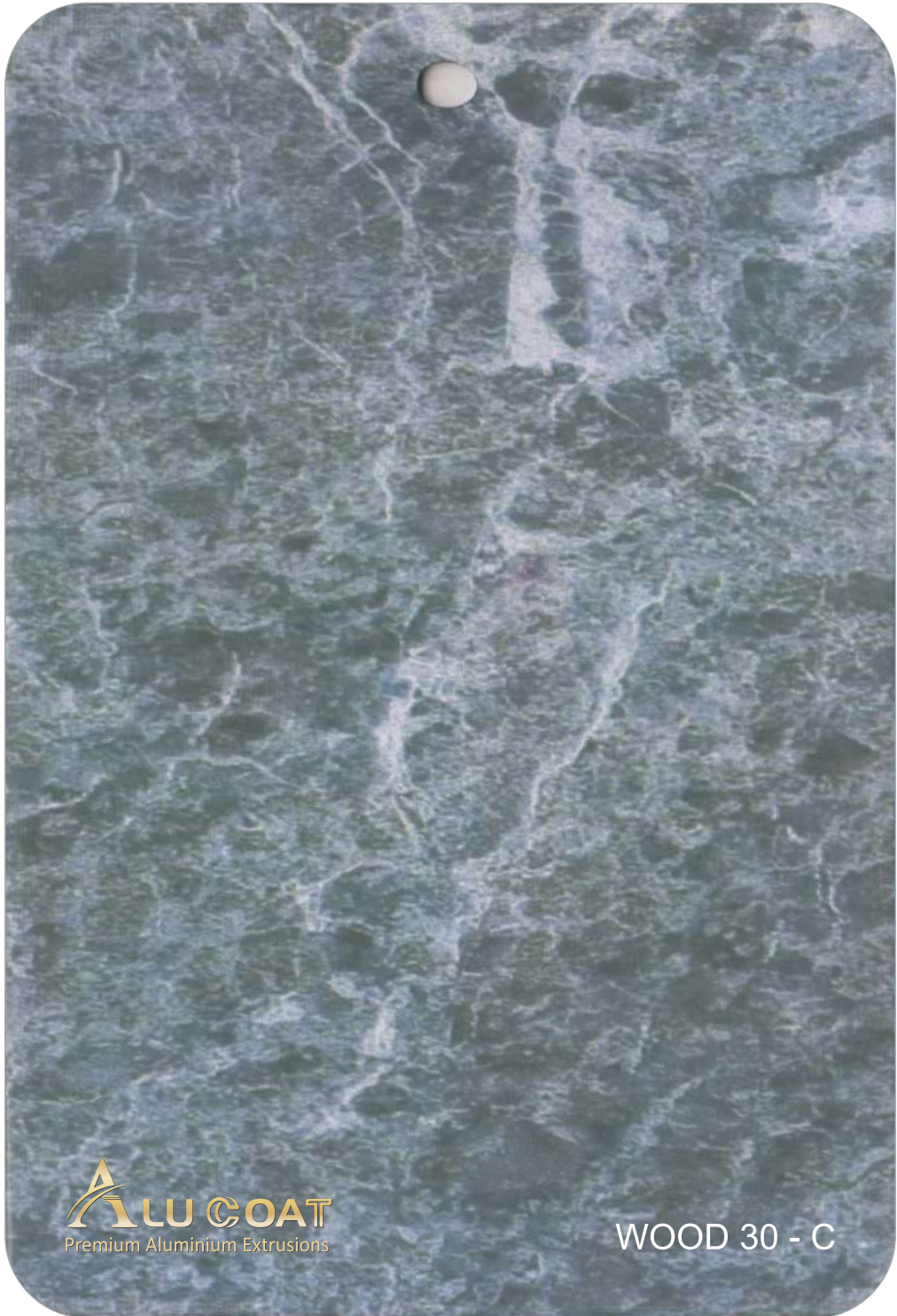
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WOOD 28 - G



 **ALU COAT**
Premium Aluminium Extrusions

WOOD 29 - C



 **ALU COAT**
Premium Aluminium Extrusions

WOOD 30 - C



ALU COAT
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WOOD 30 - GL

AL 1000 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

					
AL 6005	AL 6006	AL 6007	AL 6008	AL 6009	AL 6010
					
AL 6011	AL 6012	AL 6013	AL 6014	AL 6015	AL 6016
					
AL 6017	AL 6018	AL 6019	AL 6020	AL 6021	AL 6022
					
AL 6024	AL 6025	AL 6026	AL 6027	AL 6028	AL 6029
					
AL 6032	AL 6033	AL 6034	AL 6037	AL 7000	AL 7001
					
AL 7002	AL 7003	AL 7004	AL 7005	AL 7006	AL 7008
					
AL 7009	AL 7010	AL 7011	AL 7012	AL 7013	AL 7015
					
AL 7016	AL 7021	AL 7022	AL 7023	AL 7024	AL 7026
					
AL 7030	AL 7031	AL 7032	AL 7033	AL 7034	AL 7035
					
AL 7036	AL 7037	AL 7038	AL 7039	AL 7040	AL 7042
					
AL 7043	AL 7044	AL 7045	AL 7046	AL 7047	AL 8000
					
AL 8001	AL 8002	AL 8003	AL 8004	AL 8007	AL 8008
					
AL 8011	AL 8012	AL 8014	AL 8015	AL 8016	AL 8017
					
AL 8019	AL 8022	AL 8023	AL 8024	AL 8025	AL 8028
					
AL 9001	AL 9002	AL 9003	AL 9004	AL 9005	AL 9010
					
AL 9011	AL 9016	AL 9017	AL 9018		

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



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