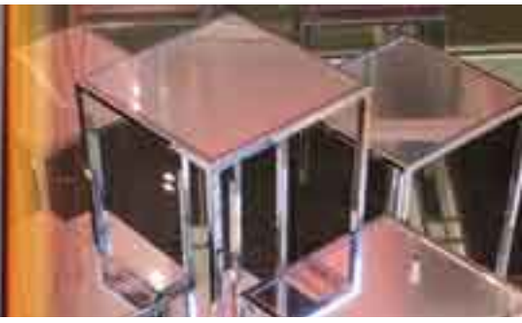
bandoxaldecor™



ALMECO

bandoxaldecor™

PRE-ANODIZED ALUMINIUM

Aluminium is part of our professional, cultural and family environment. The successful growth of pre-anodised aluminium in the architectural sector is a clear indication of the unique characteristics of this material, that has become the natural ally of designers who can exploit its wide range of its finishes for various applications.

SURFACES – TEXTURES AND COLOURS

Ideal for many different applications in architecture and decorative designing, Bandoxaldecor™ is anodized aluminium capable of providing the widest number of possible finishes. The range goes from the prestigious classic 'Grand Brillant' mirror to the latest 'Softline', and includes versatile and universal matt finishes. The unique surfaces and aesthetic characteristics, enriched by a full range of colours, make Bandoxaldecor™ a unique offering in the interior decoration sector for every home, office and finest decorative embellishment. Architects and designers find inspiration in the rich range of colours offered by nature and demand new and diverse forms of materials that can satisfy these creative tendencies. Bandoxaldecor™ enjoys a prime position alongside other prestigious non-synthetic materials, blending perfectly with wood, glass, ceramics, and so on. The Metallic range advantageously replaces other metals such as titanium, stainless steel, brass, copper, bronze, tin and of course silver and gold.

Your distributor has selected some of our products among the wide possible finishes and colours. This range is immediately available from stock. Find them all presented on last page and contact your local distributor:

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BANDOXALDECOR™ CHARACTERISTICS

Bandoxaldecor™ surfaces are produced by a combination of mechanical roll texturing and successive chemical treatments. Continuous anodising gives lasting and invisible protection against corrosion while improving aluminium's aesthetic properties.

The key finishing processes are: electrolytic brightening, which confers gloss and surface homogeneity ; anodising, where the aluminium surface layers are converted into a thin hard layer of aluminium oxide and colouring which becomes part of the material itself in the heart of the coating layer.

The resulting composite structure combines the inherent nature of aluminium metal with the surface properties of inertness and coloured or natural metallic appearance.

Careful processing and control of parameters at each stage of the continuous coil treatment, guarantees constant product characteristics, perfectly homogeneous aesthetic appearance and uniform surface protection with a wide range of colours available.

FLEXIBLE

Malleable and ductile, it can potentially be tailored to all applications in a wide range of industrial sectors. It can easily be silkscreen printed and mechanically, chemically or laser engraved. The fact that it is highly transformable, through bending, press forming and shaping, represents

another significant asset. Designed for a wide range of valuable applications, it can also be bonded, glued, stamped or clad onto other materials. Tough and light compared to steel, it has the advantage of lower weight (2.7 g/cm^3 against 7.9 g/cm^3 for steel) and its durability over time is exceptional. Its high surface hardness, resistance to chemical agents, anti-static character, fireproof properties and chemical inertness, make it suitable for many interior applications. Totally recyclable, as it contains no resins or solvents, Bandoxaldecor™ is the ideal environmentally friendly product, eligible for any project, providing the intelligent choice for both the present and the future.

VERSATILE

Bandoxaldecor™ combines maximum adaptability with aesthetic impact, making it the best choice in building applications from large scale panelling to small decorative components: wall-boards, suspended ceilings, decorative lighting, switches and covering plates etc., blending perfectly with other natural or industrial materials. It facilitates the creation of original and coloured architectural structures much sought after in shopping malls, cruise ships, hotels and casinos, exhibitions or trade centres. It gives a strong personality to all designs and image enhancing components required in automotive interiors, designer furniture, cosmetics, signage and point-of-sale advertising.

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TECHNICAL DATA

FINISH	ALLOY	TEMPER
BRILLANT SPECIAL	1085	H.18
GRAND BRILLANT	1085	H.18
BRILLANT	1085	H.18
MILL FINISH	5005	H.14
SATINE BRILLANT	5005	H.14
LAPIDÉ	1050	H.19
SATINE MAT	1050	H.18
SATIN	5005	H.14
SAND FINISH	1085	H.19
COTTON	1070	H.18
SOFTLINE	1085	H.19

DIMENSIONS

All products can be delivered in various sizes and shapes according to customer requirements. The minimum dimension is 15 mm for coils and 200 mm x 300 mm for sheets. The maximum dimension is 1250 mm for coils and 1250 mm x 4000 mm for sheets.

PROTECTIVE TAPE

All products in coils or sheets can be delivered with 50 to 80 microns polyethylene film or paper interleave for sheets only.

STORAGE CONDITIONS

Products with protective tape are guaranteed for six months after delivery, if they are stored in a conditioned room (temperature 20-30°C and relative humidity 50-60 %) and kept away from sunlight and any heating source. Protective. tape is not UV resistant. Technical information, product data sheet and additional finishes are available on Bandoxaldecor web pages. Physical characteristics of the materials are in accordance with EN (European Committee for Standardization). Tailor made colors combination and customized dimensions can be supplied according to volume demand.

www.bandoxaldecor.com

Do not hesitate to contact your local distributor to know the specifications available in their stocks.

ENG - 05/2008

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