

AssanBond



ALUMINUM COMPOSITE PANEL CATALOG 2023



AssanPanel

Assan Panel, the leading company in the sandwich panel industry, started production in 1990 with its first plant in Tuzla, Istanbul with a capacity of 4 million m² per year. Continuing its investments to improve its capacity over the years, Assan Panel invested in Iskenderun plant with a capacity of 3 million m²/year in 2004, Balıkesir plant with a capacity of 3 million m²/year in 2009 and Jordan plant with a capacity of 4.5 million m²/year in 2012. In 2015, it successfully completed the second line investment in Tuzla Istanbul facility with a capacity of 3.5 million m²/year and reached a capacity of 18 million m²/year. In 2021, Assan Panel realized its first investment in the Turkic Republics and started production of greenhouse polycarbonate and composite panels with an annual production capacity of 2 million square meters in FR B1 fire class in addition to sandwich panels in the Azerbaijan facility in partnership with STP (Sumgayıt Texnologiyalar Park).

Assan Panel, a leader in its sector, contributes to the construction of sustainable and environmentally friendly buildings with its polyurethane-filled panels, PIR and rockwool-filled cold room, roof and facade sandwich panel products that provide fire safety, panels ready for the installation of solar systems, project-specific accessories, polycarbonate skylights, fasteners consisting of screw types, construction chemicals products consisting of sealing and filling products, and finally greenhouse polycarbonate and aluminum composite panel products that it started to produce in its Azerbaijan facilities. With its high quality, safe, innovative, fire-resistant product range, it also provides high quality application services with its domestic and international business partners.

Assan Panel, which plays an active role in the global market, exports to 85 countries with its AssanPU, Assan Demir, AssanWool, AssanBoard, AssanBond brands and becomes a total solution partner for industrial buildings.

BUILD RIGHT WITH ASSAN PANEL!

ISKENDERUN



JORDAN



ISTANBUL



BALIKESİR



AZERBAIJAN

We Are Building a Sustainable Future



At Assan Panel, we strive to contribute to the construction of sustainable buildings and become a preferred employer and business partner with our motto “We are building a sustainable future”. As an actor in the construction industry, whose social and environmental impacts span many years, we create sustainable living spaces with our products and work for the construction of both low environmental impact and safe structures.

As Assan Panel, our sustainability vision is shaped around the 2025 Sustainability Strategy of Kibar Holding, under which we operate. With the R&D studies we carry out, we develop sustainable products with environmentally friendly methods and offer them to the use of different sectors.

With the efficiency projects we implement every year, we both realize our production with sustainable methods and produce products that save energy for the efficient use of energy, which is one of the biggest losses in the economy. We contribute to the construction of sustainable buildings and put forward our vision of “Net Zero”. We manage all our business processes in accordance with sustainability principles and accelerate our efforts to realize social responsibility projects that will add value to society.

We position sustainability as a corporate value and include our economic, social and environmental impacts in all decision-making mechanisms. We adopt a participatory, innovative, reliable, environmentally sensitive and people-oriented management approach.







Aluminum Composite Panel



Technical Details

Aluminum Composite Panel Dimensions

Standard Panel Dimensions: 4 mm x 1250 mm x 3200 mm

Panel Thickness: 3 mm - 4 mm - 5 mm - 6 mm (FR Panel max 5mm)

Panel Length: 6000 mm (maximum)

Panel Width: 1000 mm - 1250 mm - 1500 mm

Aluminum Composite Panel Tolerances

Panel Thickness: ± 0.2 mm

Panel Length: -0 mm / +4 mm

Panel Width: -0 mm / +2 mm

Diagonal Difference: 3 mm (maximum)

Curvature

Panel Length between 900 mm - 1500 mm: 5 mm (maximum)

Panel Length 1500 mm to 3000 mm: 7 mm (maximum)

Panel Length longer than 3000 mm: 10 mm (maximum)

Weight

Panel Thickness 3 mm: 4,60 kg/m²

Panel Thickness 4 mm: 5,50 kg/m²

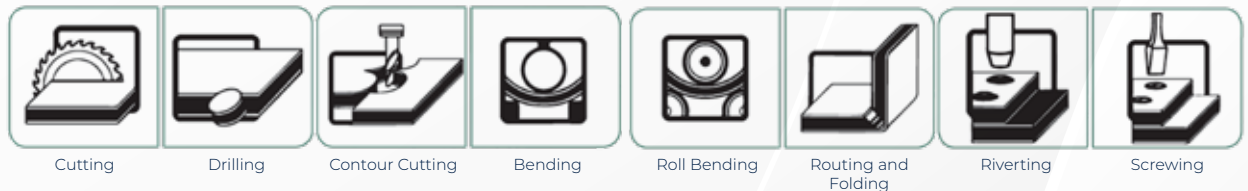
Panel Thickness 6 mm: 7,30 kg/m²

Aluminum Composite Panel Maintenance & Cleaning Guide

Products require special cleaning and care to maintain surface quality for a long time.

- First wash the surface with clean water.
- Clean the surface with detergent and rinse with water.
- PH value of cleaning agents should be between 5-8.
- Soft sponges or cloths should be used.

Aluminum Composite Panel Processing



The following actions should be avoided:

- Do not clean sun-heated surfaces (above 40°C) to avoid rapid drying which may cause staining.
- Strong alkaline (potassium hydroxide, sodium hydroxide/caustic soda etc.) and strong acid or abrasive cleaners should not be used. If these cleaners are used, the paint on the surface may swell or come off.
- Strong organic solvents such as Methyl Ethyl Ketone, Methyl Isobutyl Ketone, Triclen and paint thinner should not be used.
- Abrasive materials such as wool or sandpaper should not be used for cleaning.
- Sea water should not be used for cleaning.

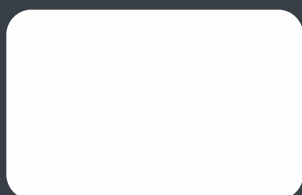


► Protective foils must be removed within 30 days of installation.

► The installation of composite panels should be done in the same direction as the arrows on the protective foils to avoid it on arc.

Colors

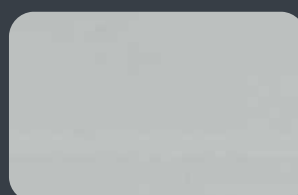
SOLID COLORS



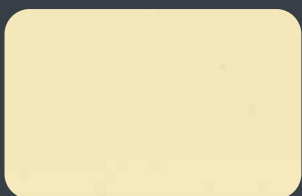
ASR 916 TRAFFIC WHITE



ASR 910 PURE WHITE



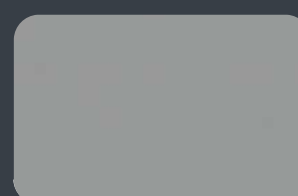
ASR 735 LIGHT GREY



ASR 113 CREAM



ASR 114 IVORY



ASR 736 PLATIN GREY



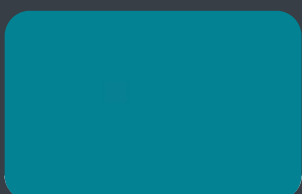
ASR 209 ORANGE



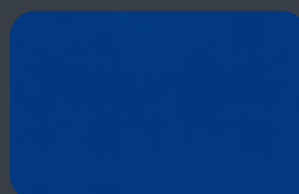
ASR 320 TRAFFIC RED



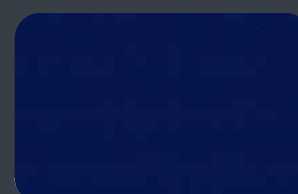
ASR 303 RUBY RED



ASR 518 TURQUOISE BLUE



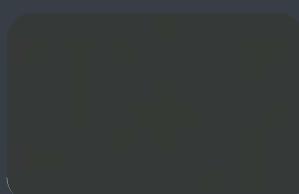
ASR 510 GENTIAN BLUE



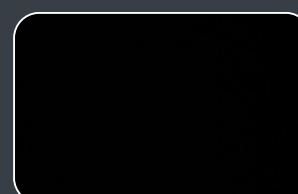
ASR 502 ULTRAMARINE BLUE



ASR 716 ANTHRACITE GREY



ASR 722 DARK GREY



ASR 905 BLACK

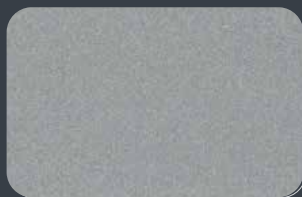


Colors

METALLIC COLORS



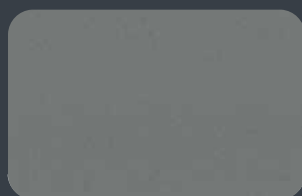
ASM 906 SILVER



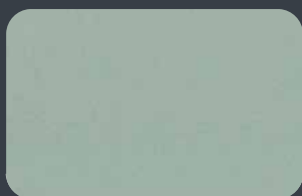
ASM 906 B BRIGHT SILVER



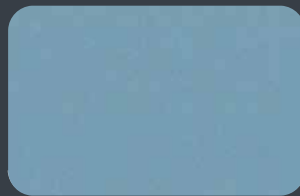
ASM 906 BB BRIGHT BRUSHED



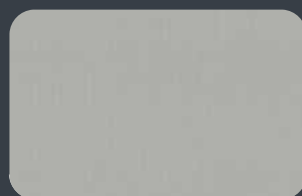
ASM 907 ALUMINIUM GREY



ASM 220 AZURE GREEN



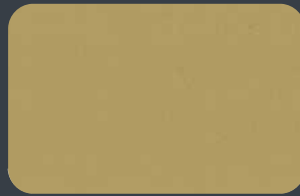
ASM 509 AZURE BLUE



ASM 908 CHAMPAGNE



ASM 124 BRONZE

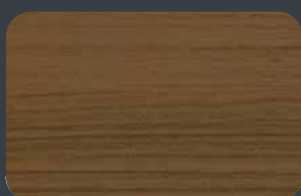


ASM 136 GOLD

WOODLOOK



ASW 110 GOLDEN OAK LIGHT



ASW 114 TEAK



ASW 111 GOLDEN OAK DARK



ASW 113 WALNUT DARK



ASW 112 WALNUT LIGHT



ASW 115 MAHOGANY

Colors

SUPERIOR TEXTURED WOOD



ASW IW 0101R



ASW IW 0211R



ASW IW 0901R



ASW IW 1101R

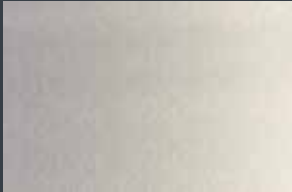


ASW IW 1901R



ASW IW 1201R

ALOXIDE SUPERIOR ANODIZED



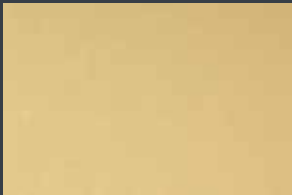
ASA 100 BRITE NATURAL



ASA 101 BRUSHED NATURAL



ASA 102 BRUSHED BRONZE B85



ASA 200 BRITE GOLD 40



ASA 201 BRUSHED ROSEGOLD G30C30



ASA 202 BRUSHED COPPER 50

Daha fazla seçenek için iletişime geçin.



Applications



AssanBond

Aluminum Composite Panel Solutions

Headquarters

Istanbul

Production Facilities

- Azerbaijan
- Balıkesir
- İstanbul
- İskenderun
- Jordan

(Includes aluminium
composite panel
production)

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