About ALUPEX FR

intuition . innovation . agility

ALUPEX-FR
FIRE RETARDANT COMPOSITE PANELS

Fire Retardant Aluminium Composite Panels manufactured using fire retardant mineral core conforming to CLASS A (Core) as per ASTME84, Class B-s1,d0 as per EN 13501-1

This product range is manufactured using a high grade of Aluminium Alloys (E.g. AL1100 or AL3003 or AL 3105) to ensure lower oxidation and superior non-corrosive cladding system for high-end architectural requirements in commercial and public buildings.

The external Aluminium surface is coated with 2 and/or 3 coats system in PVDF (Poly Vinylidene Difluoride) paints using special purpose base primer coatings to ensure superior performance under severe and harsh weather conditions for extended periods.

Advantages

- External Wall Cladding, Building Fascia and Facade Finishes
- Curtain Walls and Internal Wall Finishes
- Rooftop Edges, Parapet Walls and Wall Canopies
- Spandrel, Column Covers and Beam Wraps
- Balconies and Patio Wall Claddings
- Partition and Ceiling Panels
- Stairways, Elevators and Kiosk Panels
- Advertising Display Sign Boards
- Public and Commercial Display Walls
- Poster Hoardings and Exhibition Rooms
- Shop Sign Boards and Showroom Finishes
- Machine Casings and Furniture Accessories

Applications

Performance with lightness:
A proven strength-to-weight ratio surpassing the solid Aluminium, steel or concrete material.

Surface with choice and longevity:
Coated with specially formulated fluoropolymer (PVDF) based paints in variety of colours & decorative finishes and a life expectancy of upto 20 years.

High tolerance with elegance & beauty:
A reliable surface performance to withstand extreme and harsh weather conditions of the Gulf and of coastal areas to maintain its elegance and beauty.

Durability with consistency:
Manufactured with a corrosion resistant system to provide durability against temperature fluctuations,moisture, chemicals and ultra violet exposures.

Quality with confidence:
High quality ensures flatness without distortion, surface smoothness without deflection, extra peel-off resistance and high impact strength.

Saving energy for a healthier environment:
Helps in generating a pseudo-insulation and barrier to reduce the heat and sound transmission losses.

Easy installation and economical option: Can be formed in any shape, angle or curve with ordinary metal and wood working machinery and can be installed using conventional accessories