

- Wide range of products • Modern design • High-quality hardware • Decograin and qualified powder coating for door surfaces • Outstanding insulation and sealing • ISO certified production

“Whenever doors are called for, Hörmann is your competent partner.”

All Hörmann fire-rated doors meet British Standard and are strictly in design production and service according to ISO 9001 requirement. Hörmann fire-rated doors are used in industrial and public buildings, apartment compounds, hospitals and at airports. By using Hörmann fire-rated doors, you are assured decades of quality, protection and safety.

Hörmann also offers a broad variety of interior doors and sliding doors which can be equipped with various types of glazing or louvers. Hörmann residential doors are robust, secure, insulated and acoustic-rated. On request, Hörmann doors can be supplied in different beautiful RAL colours, panelled or in a range of attractive timber design made of German PVC film.



Fire-Rated Door

Product Types

- Fire-Rated Door • Security Door • Interior Door • Sliding Door

Hörmann fire-rated doors have been tested in accordance with British Standard BS476:Part 20:1987, BS476:Part 22:1987, and passed all relevant tests and inspections.

Fire-rated doors according to British Standard!

Once again Hörmann proved its leading role in quality and technology.



Technical Data Hörmann Steel Doors

| Description | Unit | Fire Rated HC | | | Security | Interior | | | Sliding | |
|------------------|------|--------------------------------------|---------|----|----------|----------|---------|--------|---------|--------|
| | | 240 | 120 | 60 | | HCS | Multi | Apt | | Intern |
| | | | | | | HM | HA | ZK | HT | |
| General | | | | | | | | | | |
| Fire insulated | mins | 240 | 120 | 60 | 60 | - | | | - | |
| Leaf thickness | mm | 62 | | | 50 | 50 | | 40 | 30 | |
| Skin thickness | mm | 1 | 0.8 | | 0.8 | 0.8 | | 0.6 | 0.6/0.8 | |
| Frame depth | mm | 114 | | | | | | | 80-400 | |
| Infill (core) | - | FPB | FPB | MW | FPB | MW/HP | MW | HP | HP | |
| Dimension | | | | | | | | | | |
| Single width | cm | 62-130 | | | 60-100 | 60-150 | 60-130 | 40-130 | 80-150 | |
| Double width | cm | 100-250 | | | 100-210 | 100-300 | 100-250 | | 160-300 | |
| Height | cm | 82-300 | | | 160-230 | 160-300 | 100-250 | | 180-250 | |
| Option | | | | | | | | | | |
| Glazing | m2 | - | Max 0.5 | | - | • | - | • | • | |
| Louver | - | - | | | - | • | - | • | • | |
| Auto close | - | Spring and electric closer available | | | | | | | | |

• : available - : not available FPB: Fireproof Board MW: Mineral Wool HP: Honeycomb Paper

ALUCOMAT®

www.architrade.co.id

- Excellent mechanical properties at light weight • Fire-resistant certified under toughest standards
- Weathering & chemical resistance • Rigid & flat yet highly formable • Significant noise & thermal insulating • Cost effective vis-à-vis solid aluminium sheet • Non-toxic & environmentally friendly

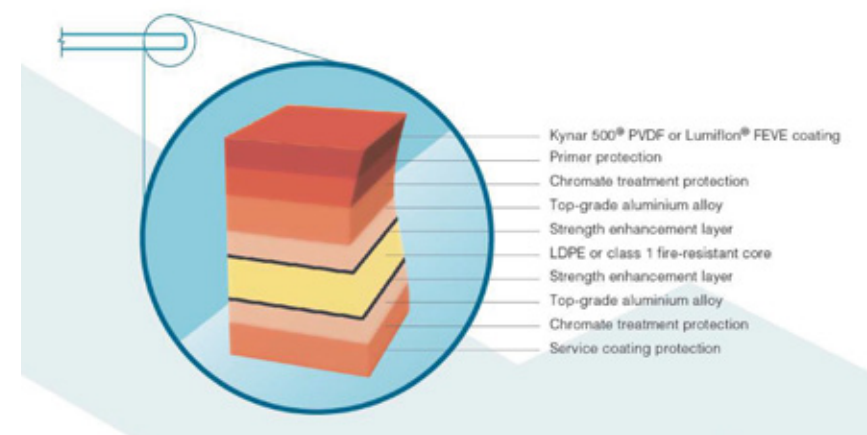
Alucomat

ALUCOMAT® is an architectural cladding total solution provider in Taiwan, United States, European Union and other countries since 1966. ALUCOMAT® is a registered branding of Jyi Shyang Industrial Co., Ltd. (JSN).

With belief to invest in global branding, local networking as well as R&D continuously, ALUCOMAT® is capable of delivering a wide variety of multi-metallic composite solutions for modern exterior cladding, interior decoration, advertising signage and transportation projects worldwide.

Aluminium Composite Panel

ALUCOMAT® Exterior ACP is composed of two top-grade aluminium alloy sheets and a thermoplastic polyethylene or class 1 fire-resistant mineral filled core under continuous high heat and pressure process.

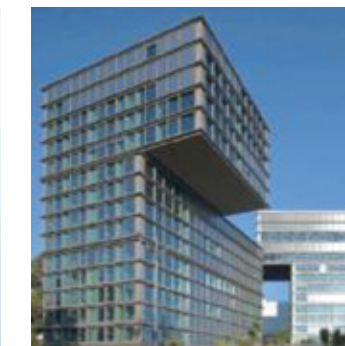


Alucomat (r) Exterior ACP have been tested and accordance with GB (...), US (...), EU(...) passed all relevant tests and inspections.

Project Reference



Bellagio Mansion
Jakarta, Indonesia



Estoril Sol Residence
Carcais, Portugal



Kaohsiung Exhibition Center
Kaohsiung, Taiwan

Alucomat

Product Portfolio

| Description | Alucomat® Series | | | | | | | | |
|-----------------------|--|----------------|--------------------|-----------|-----------|------------|---------|---------|---------|
| | Std | Mica | H. Gloss Vivid Col | Chamelion | Sparkling | Terracotta | Ti-Zinc | Brushed | Texture |
| General (mm) | | | | | | | | | |
| Total thickness | 4 | | | | | | | | |
| Skin thickness | 0.5 | | | | | | | | |
| Core | First Generation Recycle LDPE or Fire Resistant Mineral Fill | | | | | | | | |
| Alloy type | 5000 - H14 | | | | | | | | |
| Dimension (mm) | | | | | | | | | |
| 1220 Width | • | | | | | | | | |
| 2440 Length | • | | | | | | | | |
| Surface | | | | | | | | | |
| Coating system | Kynar 500® PVDF | Lumiflon® FEVE | | | | | | | |
| Option (mm) | | | | | | | | | |
| 1070 Width | • | | | | | | | | |
| 1250 Width | • | | | | | | | | |
| 1500 Width | • | | | | | | | | |
| 1575 Width | • | | | | | | | | |
| >2440 Length | • | | | | | | | | |
| Thickness | 2, 3, 6, 8 | | | | | | | | |

• : available • : on demand - : not available

Remarks:

- Model number of each solution family may be categorized also type of core: low density polyethylene (LDPE) or class 1 fire-resistant mineral filled core (FR).
- Kynar 500® is property of ARKEMA Inc. ALUCOMAT® is certified applicator of 70% Kynar 500® resin-based coating system.
- FEVE is next-generation fluorocarbon coating technology. Lumiflon® is a brand name of FEVE resin from Asahi Glass Co., Ltd.



Verosol

www.architrade.co.id

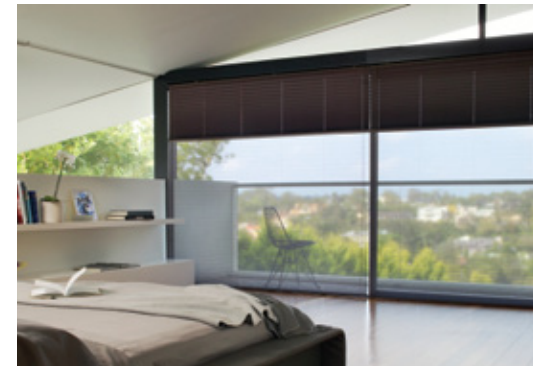
- Saving in the running cost of air-conditioning
- Improved occupant comfort and safety
- Design flexibility
- Reduce the effects of solar radiation
- Reduce glare at the window

“All Verosol Blinds are custom made to fit your window.”

As Verosol don't need to operate vertically, they are also perfect for sunrooms and skylights. If you wish, your blinds can be motorised to open and close by radio remote control.

1. Verosol Pleated Blinds

As bold or discreet as you choose, Verosol Pleated Blinds offer total design freedom. Combine two fabrics with different densities and transparencies into one blind, Verosol blinds will provide privacy, heat and glare protection without obscuring your view.



2. Verosol Roller Blinds

Simple and understated, Verosol Roller Blinds complement any contemporary environment. Two blinds in one, the Verosol Twin Roller allows you to mix and match fabrics to suit your décor, providing flexibility and functionality.



Verosol fabrics for blinds provide unparalleled heat and glare control at the window whilst preserving the view. They are the most effective range of solar control blind fabrics available.

3. Verosol Roman Blinds

Verosol Roman Blinds contribute to a carefree, lifestyle-oriented atmosphere in any environment, classic or modern. They are available in a wide range of colours, textures and transparencies.



Technical Data

| Description | Silver Screen | Omnia Screen | Originals | | | |
|--------------------|---------------|--------------|-----------|-----------|-----------|-----------|
| | | | Transp | Semi | Non | Block Out |
| Roller System | • | | | | | |
| Roman System | • | | | | | |
| Pleated System | - | | • | | | |
| Max Width | 2.4 m | | 2.2 m | | | |
| Material | Fiberglass | Polyester | Polyester | Polyester | Polyester | Polyester |
| | PVC | PVC | | | | |
| Solar Reflection | 77-78% | 73-74% | 44% | 62% | 68% | 65% |
| Light Transmission | 6% | 5-6% | 29% | 9% | 3% | 0% |
| UV Transmission | 2-4% | 3-4% | 27% | 7% | 1% | 0% |
| Openness Factor | 2-4% | 3% | 23% | 5% | 0% | 0% |
| Anti-microbial | ASTM-E2149-01 | | | | | |
| Formaldehyde Free | • | | | | | |
| Antistatic | • | | | | | |

• : available - : not available



- Can Be Applied to Any Smooth Surface • Creates Functional Writing Surfaces • Improves Productivity
- Promotes Teamwork & Collaboration • Environmentally Friendly • Transforms Walls, Meeting Rooms, Offices and Classrooms

“Reinvent The Way You Work”

Smarter Surfaces is a smart paint that turns any flat surface into a reusable whiteboard.

Smarter Surfaces is committed to the environment. The very nature of Smarter Surfaces products means that unlike traditional whiteboards, Smarter Surfaces products

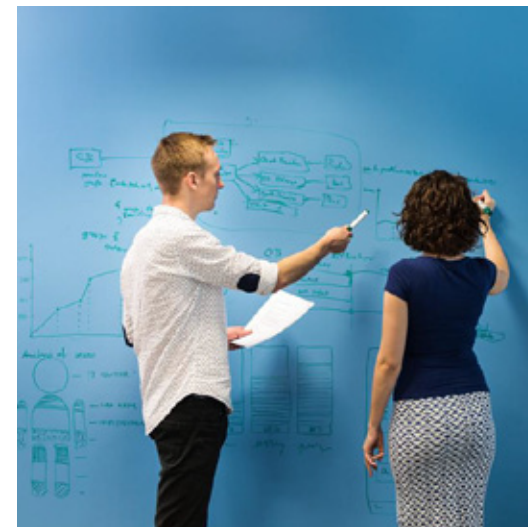
will not end up in landfill. Unleash your potential for collaborating, planning and brainstorming with our specialist wallcovering, paint and plaster products.

Collaborator Collection

The ideal solution for those who want it all. Create a magnetic dry erase or magnetic wet erase surface with our paint combinations.

Benefits

- Creates strong magnetic writing surfaces
- Invisible when not in use
- Easy application
- Low odour, low toxins
- Eco-friendly option



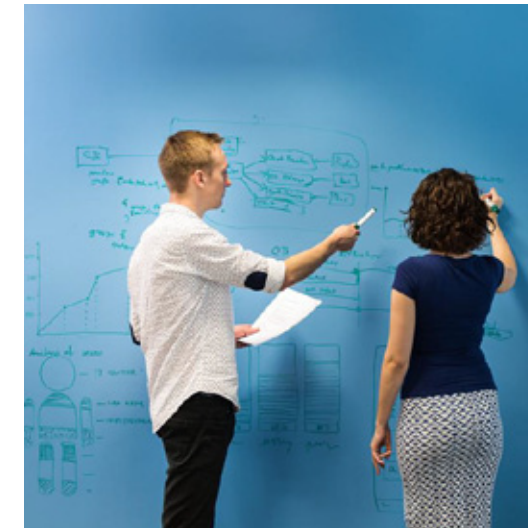
Add Functionality to Your Surfaces With Smarter Surfaces Innovative Range Of Wallcoverings & Paints.

Communicator Collection

Create a writing surface of any size or colour for maximum collaboration and productivity with our range of dry erase wet erase paints.

Benefits

- Creates functional writing surfaces
- Promotes teamwork
- Improves productivity
- Environmentally friendly
- Apply to any smooth surface



Connector Collection

Easily create and monitor projects, schedules, spaces for brainstorming and teamwork and highly interactive learning spaces.

Benefits

- Creates strong magnetic surfaces
- DIY/professional options
- Easy application
- Low odour, low VOC
- Eco-friendly option

