

SINCE | 2002



ENRICH YOUR IMAGINATION

**4MANN<sup>®</sup>**  
ALUMINIUM COMPOSITE PANEL



## ABOUT US

**4MANN®** Group a leading business house with multifaceted activities like manufacturing, marketing and distribution of new age building materials and other products also make best effort to use it's more than 30 years of experience in building industry for enhancing the exterior and interior decorations.

We M/s. 4MANN Industries Pvt. Ltd. are primarily into manufacturing and marketing of Premium and Exclusive range of Aluminum Composite Panels (ACP) under the brand names **4MANN®** and **ARROWBOND®** in India and abroad and is regarded as one of the market leaders in the ACP Industry. 4Mann Industries Pvt. Ltd. is an ISO 9001:2015 certified company. It is also a member of the Indian Green Building Council with its manufacturing facility at Jammu accredited under the Green Category by the State Pollution Control Board of Jammu & Kashmir.

The company with its state-of-the-art production facility established in 2005 in Jammu, using German Technology, has a total installed capacity of more than 2.4 million square meters per annum. It also has a full-fledged in-house laboratory for testing products so as to ensure that they conform to International Standards and Specifications. Due to stringent quality control parameters and testing processes, the product offered is highly durable and is the preferred choice of many leading architects, corporate houses, consultants, interior designers, fabricators and contractors.

## VISION

Our vision is to be the Number one Company that best understands, acknowledges and satisfies the product and service needs of our customers.

## MISSION

We are market focused, process oriented organisation that develops and delivers innovative solutions to our customer. Our goal is to be india's best run company providing the most ultimate products to the end users.

## OUR PRODUCTS

**4MANN<sup>®</sup>**  
ALUMINIUM COMPOSITE PANEL  
IRON ORE BENEFICIATION

**ArrowBond<sup>®</sup>**  
Beautification Beyond Imagination  
ALUMINIUM COMPOSITE PANEL

**GENOA<sup>®</sup>**  
*Reimagine Luxury*  
ACRYLIC SHEET

**SIENA<sup>®</sup>**  
Bold Strokes, Bright Future  
ACRYLIC SHEET

**d-BoX**  
Exquisite Surfaces  
100% PVC CORE

**MANORÉ**  
INTERIOR LOUVERS



*Wooden*





# 4MANN® WOODEN



4PW | 3RW | 6RHP

MA - 387 | Novoceno Pine



4PW | 3RW | 6RHP

MA - 379 | Aeon Walnut



4PW | 3RW | 6RHP

MA - 378 | Timber Light



4PW | 3RW | 6RHP

MA - 372 | Burma Teak



4PW | 3RW | 6RHP

MA - 367 | Tuscan Walnut



4FW | 4PW | 3RW | 6RHP

MA - 363 | California Walnut



The colors shown are for reference only. Batchwise colors may differ. Hence you may request for actual sample.

# 4MANN® WOODEN



4FW | 4PW | 3RW | 6RHP

MA - 362 | Palisandro Brown



4PW | 3RW | 6RHP

MA - 360 | Cherry



3RW | 6RHP

MA - 359 | Burn Walnut



4FW | 4PW | 3RW | 6RHP

MA - 358 | Burma Sapeli



4FW | 4PW | 3RW | 6RHP

MA - 356 | Smoked Walnut



4FW | 4PW | 3RW | 6RHP

MA - 355 | Tinyo





## 4MANN® WOODEN



4FW | 3RW | 6RHP

MA - 354 | Ebony



4FW | 4PW | 3RW | 6RHP

MA - 351 | Rose Wood



COMING  
SOON

## 4MANN® METALLIC FLAIR



4PFL | 3RFL

MA - 651 | Cosmic Chill  
(6MM A-HPL available as per order)



4PFL | 3RFL

MA - 652 | Corten Steel  
(6MM A-HPL available as per order)



4PFL | 3RFL

MA - 653 | Gris Desire  
(6MM A-HPL available as per order)



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*Stone*



# 4MANN® STONE



4PST | 3RST

**MA - 454 | Bare Graphite**  
(6MM A-HPL available as per order)



4PST | 3RST

**MA - 455 | Raw Graphite**  
(6MM A-HPL available as per order)



4PST | 3RST

**MA - 456 | Titlis Grey**  
(6MM A-HPL available as per order)



4PST | 3RST

**MA - 457 | Aspen Grey**  
(6MM A-HPL available as per order)



4PST | 3RST

**MA - 451 | Regal Black**  
(6MM A-HPL available as per order)

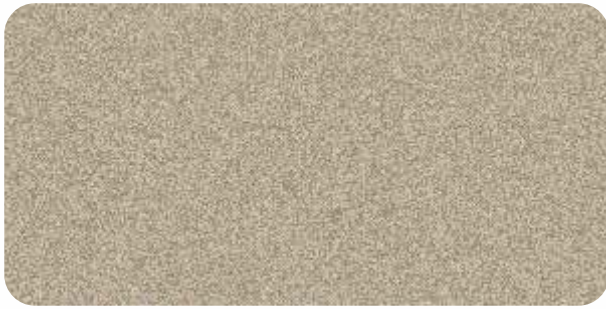


COMING  
SOON

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# 4MANN® SAND



4SD | 3SD

MA - 576 | Brook Stone



4SD | 3SD

MA - 577 | Grey Whales



4SD | 3SD

MA - 578 | Burnt Orange



4SD | 3SD

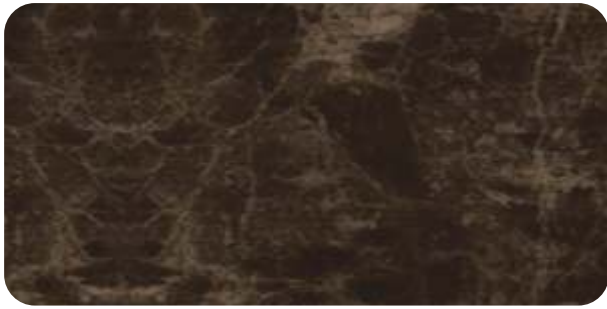
MA - 579 | Night Rock



*Sand*



## 4MANN® MARBLE



3MB

MA - 203 | Emperador Dark



3MB

MA - 204 | Cream Beach



COMING SOON

COMING SOON

## 4MANN® MIRROR



MA - 603 | Pearl Gold

3MR



MA - 604 | Pearl Silver

3MR

## 4MANN® CRYSTAL



MA - 501 | Butler Finish

3CR

# 4MANN<sup>®</sup> METALLIC



**MA - 101 | Bright Silver**

**4F | 4P | 3R | 3G**



**MA - 102 | Silver**

**4F | 4P | 3R**



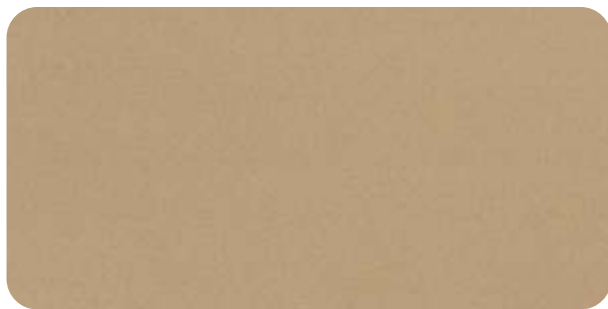
**MA - 103 | Champagne Silver**

**4P | 3R**



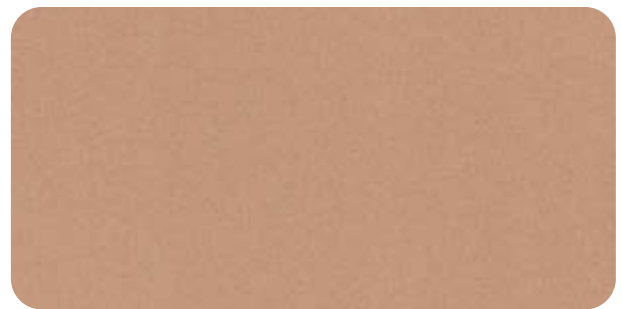
**MA - 104 | Champagne Gold**

**4F | 4P | 3R | 3G**



**MA - 109 | Rich Gold**

**4F | 4P | 3R**



**MA - 113 | Copper**

**4P | 3R**



**MA - 120 | Metallic Bronze**

**4P | 3R**



**MA - 122 | Metallic Blue**

**4F | 4P | 3R**



## 4MANN<sup>®</sup> METALLIC



**MA - 123** | Copper Bronze

**4F | 4P | 3R**



**MA - 126** | Dark Grey

**4F | 4P | 3R | 3G**



**MA - 126A** | Bright Grey

**4P | 3R**



**MA - 127** | Wine Red

**4F | 4P | 3R**



**MA - 303** | Chocolate Brown

**4F | 4P | 3R**



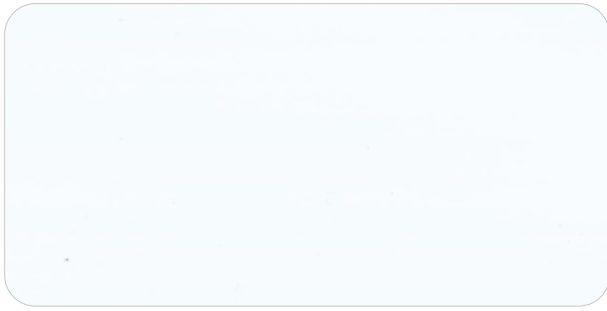
**MA - 304** | Pearl Brown

**4P | 3R**

NEW ARRIVAL

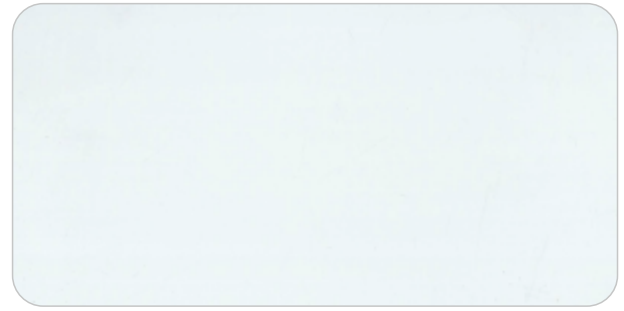
NEW ARRIVAL

# 4MANN<sup>®</sup> SOLID



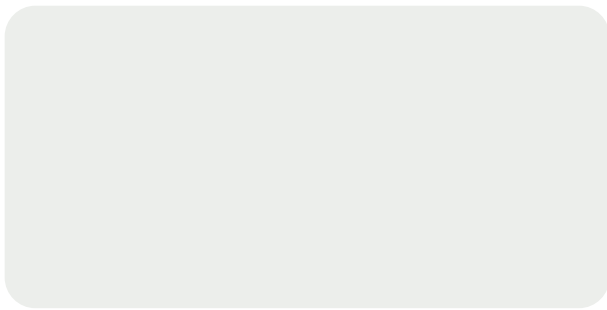
MA - 908 | Milky White

4F | 4P | 3R | 3G



MA - 111 | Pure White

4F | 4P | 3R | 3G



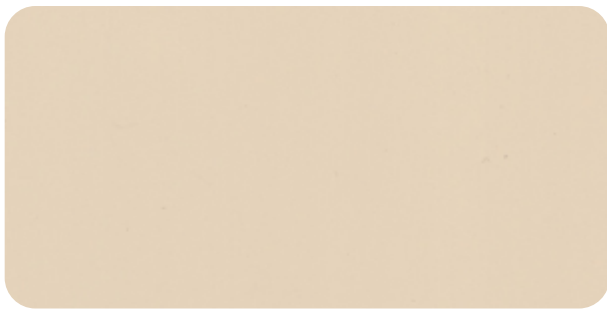
MA - 112 | Off White

4F | 4P | 3R | 3G



MA - 133 | Beige

4F | 4P | 3R



MA - 154 | Bright Beige

4P | 3R



MA - 108 | Yellow

4P | 3R



MA - 107 | Red

4F | 4P | 3R | 3G



MA - 118 | Orange

4P | 3R



# 4MANN<sup>®</sup> SOLID



MA - 114 | Black

4F | 4P | 3R | 3G



MA - 106 | Blue

4P | 3R



MA - 117 | Navy Blue

4F | 4P | 3R



MA - 117A | Samsung Blue

4P | 3R



MA - 138 | Dark Green

3G | 3R



MA - 140 | Dark Blue

3R



MA - 130 | Solid Grey

4P | 3R



MA - 141 | Cement Grey

4P | 3R

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## 4MANN® SPARKLE



MA - 507 | Sparkle Red

3RSP



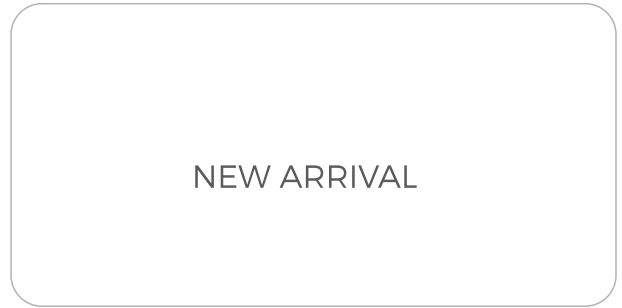
MA - 511 | Sparkle White

3RSP



MA - 512 | Sparkle Off White

3RSP

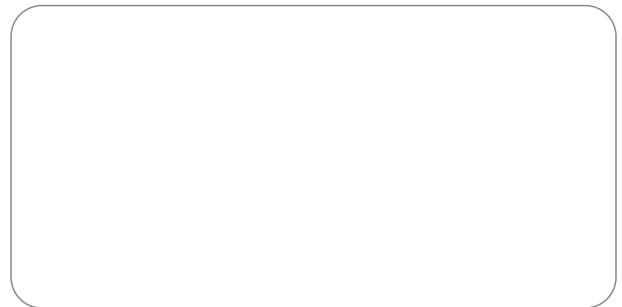


## 4MANN® HIGHGLOSS



MA - 807 | Glossy Red

3HG



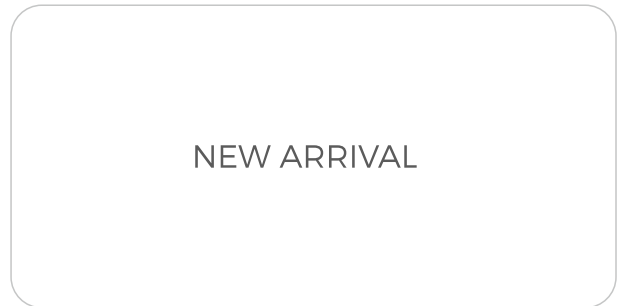
MA - 811 | Glossy White

4HG | 3HG



MA - 814 | Glossy Black

3HG





# 4MANN® PROMOTIONAL SERIES

## ASK FOR SPECIAL DISCOUNT

(Limited Availability)

### 4MANN® STONE



MA - 452 | Hassan Green



3RST

### 4MANN® SPARKLE



MA - 514 | Sparkle Black

3RSP

### 4MANN® WOODEN



MA - 366 | Colonial Wood



4PW | 3RW



MA - 364 | Clammy Maple



3RW | 6RHP



MA - 361 | Prince Wood



3RW | 6RHP



MA - 353 | Wood Peach



3RW | 6RHP

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## Fire Retardant

**4MANN<sup>®</sup> FR** is composed of fire resistant mineral filled core sandwiched between two skins of selected thickness of architectural aluminum skin of engineered alloy with PVDF lacquered surface on front and service coated on rear.

**4MANN<sup>®</sup> FR** panels can be processed and fabricated as any other **4MANN<sup>®</sup> ACP's** that are very tough, weatherproof and above all, do not actively contribute to combustion in fire.

### APPLICATION :

Residential buildings, public utility buildings, museums, theater buildings, art galleries, corporate headquarter and offices, malls and supermarkets, car show rooms, fuel filling stations etc.

| FIRE BEHAVIOUR                       | STANDARD      | CRITERIA                             |
|--------------------------------------|---------------|--------------------------------------|
| European Union Acceptance            | EN 13501-1    | Class B - S1, d0                     |
| Flamming Droplets                    | EN 11925-(do) | Flaming droplets - None              |
| Fire Growth rate                     |               | FIGRA $\leq$ 200 W.s-1               |
| Total heat release                   |               | THR600S $\leq$ 4.0MJ                 |
| Smoke growth rate                    | EN 13823-(S1) | SMOGRAM $\leq$ 30m <sup>2</sup> .s-2 |
| Lateral flame spread                 |               | LFS < edge of specimen               |
| Total smoke produced in first 600sec |               | TSP600s $\leq$ 50m <sup>2</sup>      |

CERTIFIED BY:

**SGS**

### REGULAR ACP

RAPID FIRE SPREAD

FIRE SPREADS UPWARD DUE TO A COMBUSTIBLE CLADDING

FIRE BREAKS IN & OUT THROUGH GLASS

FLAMES BREAK DOWN  
SMOKE BUILD UP

## FIRE BEHAVING IN A BUILDING

While glass breakage / fallout allows fire to enter / exit,  
**4MANN<sup>®</sup> FR ACP & FR cladding** restrict / prevents fire spread.

### 4MANN<sup>®</sup> FR ACP

RESTRICTED FIRE SPREAD

FIRE SPREAD RESTRICTED DUE TO A FIRE RETARDANT ACP CLADDING MATERIAL AND SYSTEM

NO DROPLETS FALLING DOWN, HENCE AVOIDING FURTHER SPREAD AND HAZARD TO PEOPLE

NO SMOKE & TOXIC FUMES



## Availability Chart

| PRODUCT GRADE | TOTAL ACP THICKNESS | FRONT SKIN THICKNESS | LDPE CORE THICKNESS | BACK SKIN THICKNESS | FRONT SKIN COATING THICKNESS | BACK SKIN COATING THICKNESS |
|---------------|---------------------|----------------------|---------------------|---------------------|------------------------------|-----------------------------|
| PLATINUM      | 4MM                 | 0.50MM               | 3.00MM              | 0.50MM              | 25μ ± 3                      | 7μ ± 1                      |
| PEARL         | 4 MM                | 0.25MM               | 3.50MM              | 0.25MM              | 25μ ± 3                      | 7μ ± 1                      |
| RUBY          | 3 MM                | 0.25MM               | 2.50MM              | 0.25MM              | 25μ ± 3                      | 7μ ± 1                      |

### AVAILABLE COLORS IN PRODUCT GRADES

#### PLATINUM

• Metallic • Solid • Wooden•

#### PEARL

• Metallic • Solid • Wooden • Stone • Metallic Flair • Sand • Sparkle • Crystal •

#### RUBY

• Metallic • Solid • Wooden • Stone • Metallic Flair • Sand • Sparkle • Crystal •

### STANDARD THICKNESS

3MM and 4MM

### STANDARD SIZES

• 1220MM X 2440MM • 1220MM X 3050MM • 1220MM X 3660MM

Customized sizes as per requirement can be provided upto width 1550MM and thickness 6MM.

### PRODUCT TOLERANCE

Width: ± 2MM • Length: ± 4.0MM • Panel Thickness: ± 0.2MM

#### Note:

- The shown colors are for reference only. Also batch wise colors may differ. Hence you request for actual samples.
- 4MANN® reserves the right to make any changes without prior notice.
- For further information on the samples, technical details and other relevant information, kindly contact directly to us or our business partner in your region.

# 4MANN<sup>®</sup> ALUMINIUM COMPOSITE PANEL

## CERTIFICATIONS



SGS



## 4MANN INDUSTRIES PVT. LTD.

### HEAD OFFICE

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Old Nagardas Cross Road, Mogra Village,  
Opp. Saraswati Towers, Andheri East,  
Mumbai - 400 069.  
Board Line: +91-22-6901 4000

### ACP FACTORY

EPIP, Kartholi,  
Bari Brahmana,  
Jammu - 181 133.  
Email: factory@4mannacp.com

### IOP FACTORY

Plot No. 18/28, Hargarh Industrial Area,  
Village - Hargarh, Tehsil - Sihora,  
Dist - Jabalpur, MP - 483 325.  
Email: sales@4mannispat.com

### :: DEPOT ::

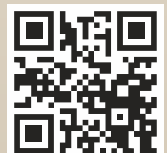
AHMEDABAD | BANGALORE | BHIWANDI | DELHI | SURAT  
Presence PAN INDIA through Business Partners, Dealers and Marketing Team.



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CIN No U27203MH2004PTC147987



Vol -1.3.0 JAN-24