



Enhance every surface
of your spaces with us

WONDERTM
ALU BOARD
ALUMINIUM COMPOSITE PANEL

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WONDER

Delight in the glow
of our creations and
creativity

E Catalogue
December 2023







A B O U T U S

WONDER ALU BOARD is a leading brand in the industry. Every design created by the brand is known for its immaculate look and durability. The whole set of designs is crafted with a penchant for elegance and contemporary fashion. Choose the perfect piece for your spaces.

Winner of
BEST ACP MANUFACTURER AWARD 2022



**INDUSTRY LEADERS
AWARDS 2022**



Heritage
collection

Natural Stone

www.wonderaluboard.com

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N

Heritage

collection



WAB-801 / HPL-1801 TARRED GOLD



WAB-802 / HPL-1802 TARRED GREY





WAB-803 / HPL-1803 TARRIED BROWN



Natural Stone



WAB-609 / HPL-1609 CEMENT STONE



WAB-610 / HPL-1610 MAGNESITE STONE





WAB-611 / HPL-1611 COPPER STONE



A PALATIAL EMINENCE
THAT OVERPOWERS
YOUR INTERIORS
WITH TRANQUILITY!

design

Sand



WAB-404 / HPL-1404 TERRACOTTA SAND

GL



WAB-403 / HPL-1403 GUNMETAL GREY

GL



WAB-426 / HPL-1426 MULTANI GLAMOUR

GL



WAB-414 / HPL-1414 IVORY SAND

GL



WAB-430 / HPL-1430 SUME SAND

GL



CREATE YOUR OWN
KINGDOM WITH
THESE REGAL
DESIGNS



WAB-515 / HPL-1515 MERBAU PINE

RL GL



WAB-521 / HPL-1521 GOLDEN CAMPINO

RL GL

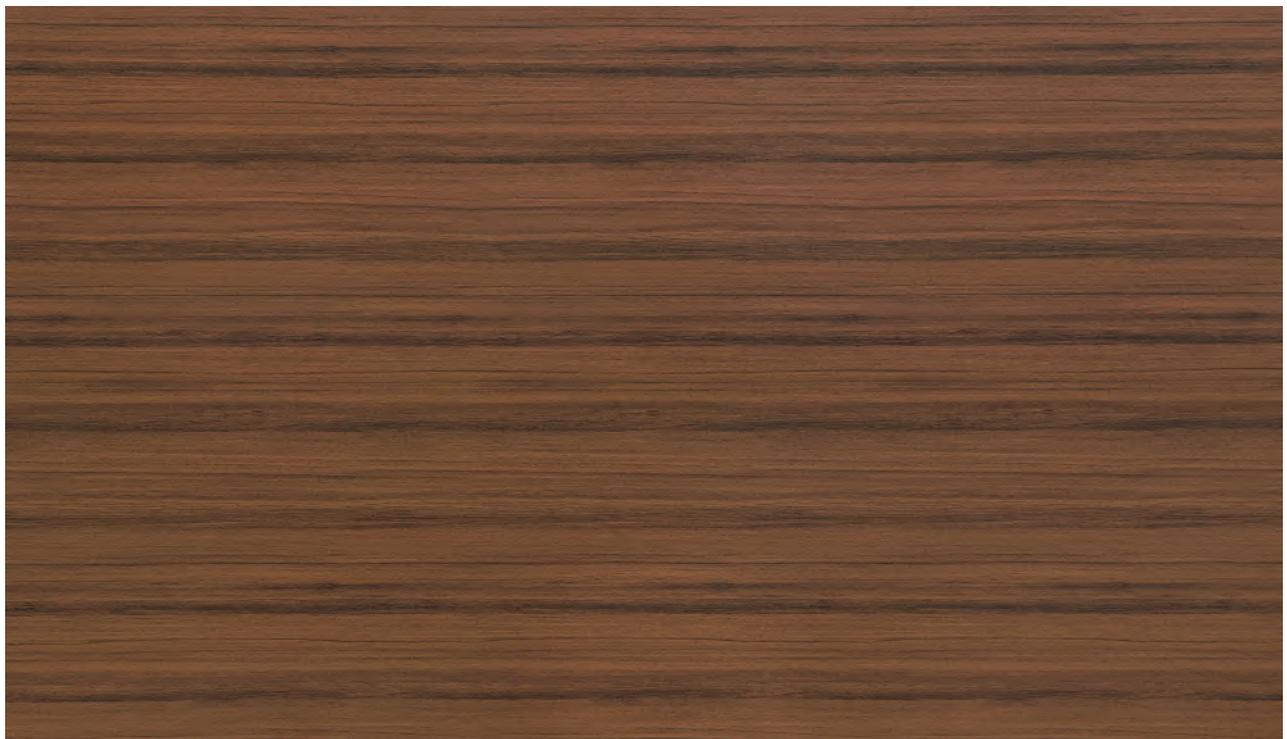


Wooden



WAB-510 / HPL-1510 CHINTO PINE

RL GL

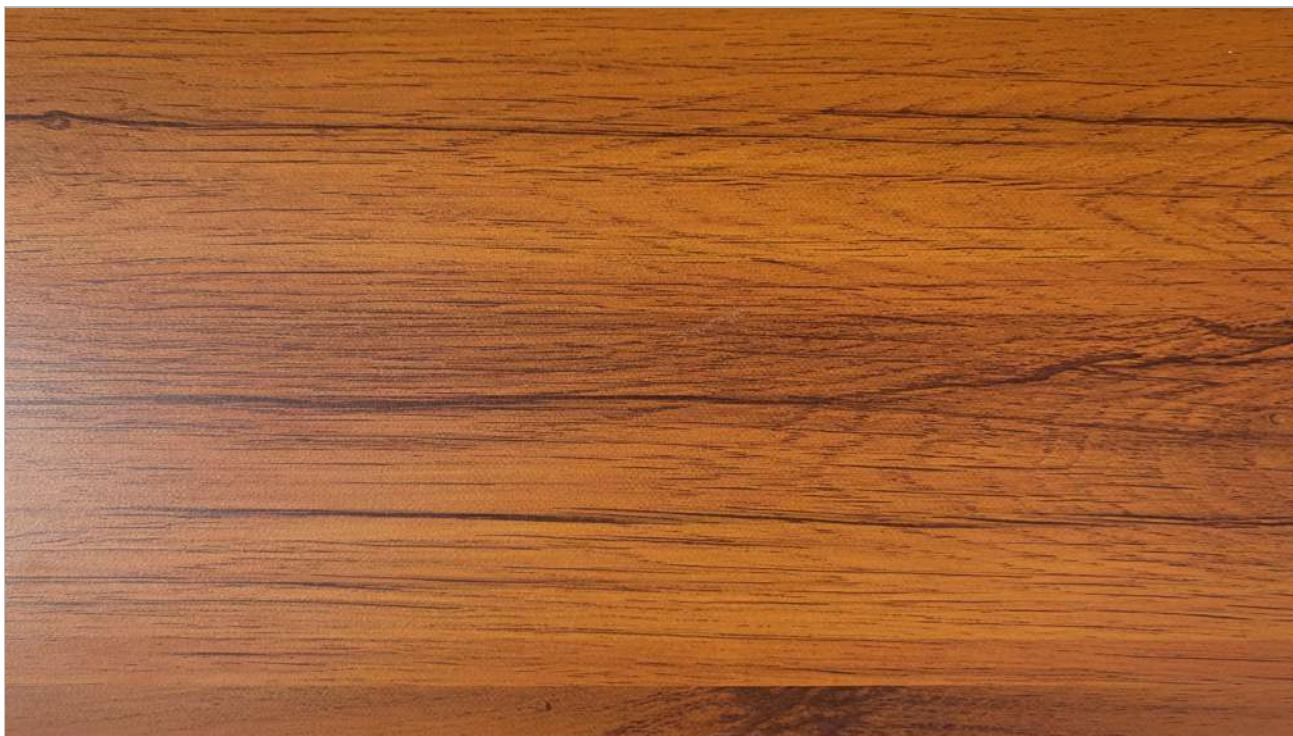


WAB-520 / HPL-1520 ROYAL TEAK

RL GL

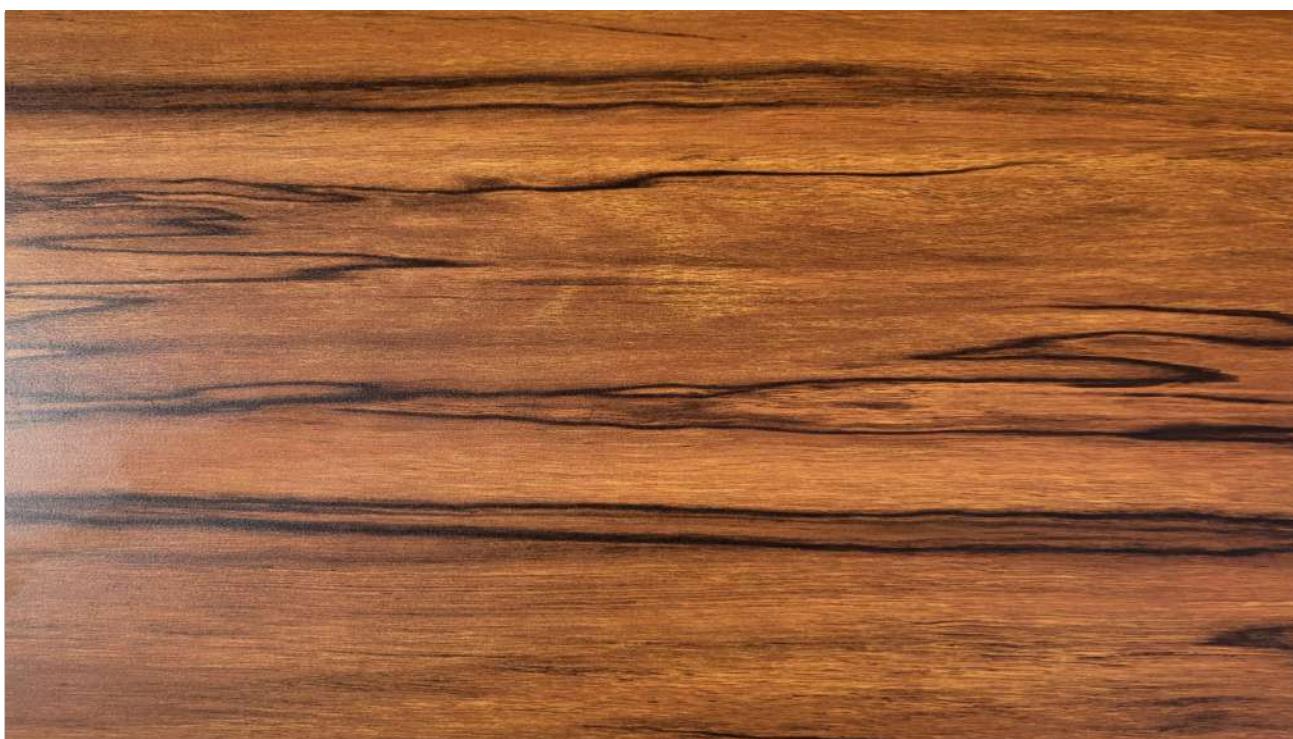


Wooden



WAB-522 / HPL-1522 NEW MAHAGONY

■
RL



WAB-523 / HPL-1523 BRIGHT WOOD

■
RL

Wooden



WAB-501 / HPL-1501 ROSE WOOD

GL



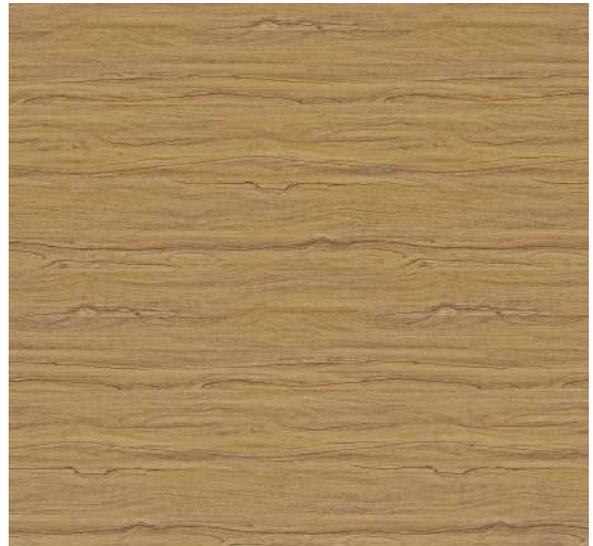
WAB-502 / HPL-1502 ROYAL WENGE

RL GL



WAB-503 / HPL-1503 WHITE WOOD

RL



WAB-504 / HPL-1504 WALNUT

GL



WAB-505 / HPL-1505 TINEO

RL GL



WAB-506 / HPL-1506 MAOBI

GL





WAB-507 / HPL-1507 DARK TEAK

GL



WAB-508 / HPL-1508 RUSTIC WOOD

RL GL



WAB-509 / HPL-1509 TIGER WOOD

GL



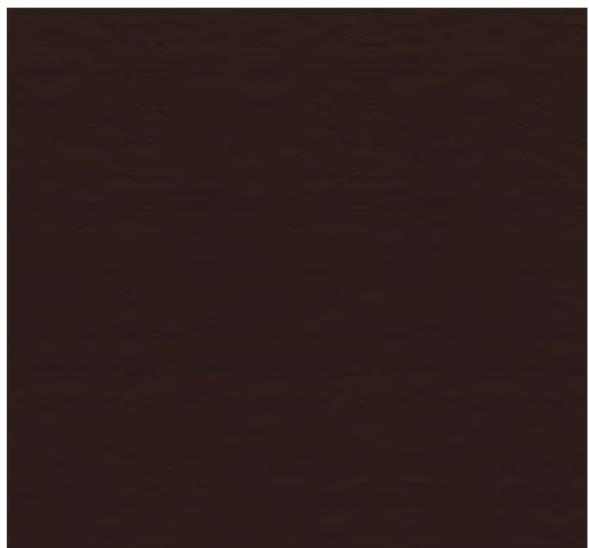
WAB-511 / HPL-1511 FUSION WALNUT

GL



WAB-513 / HPL-1513 LAUREL WOOD

GL



WAB-514 / HPL-1514 CHERRY WOOD

GL



Wooden



WAB-512 / HPL-1512 ZEBRA WOOD

GL



WAB-516 / HPL-1516 TULIP WOOD

GL RL



WAB-517 / HPL-1517 RARE OAK

GL



WAB-518 / HPL-1518 SEAMLESS OAK

GL



WAB-519 / HPL-1519 DARK WOOD

RL GL



Stone

S m o o t h S e r e n i t y



WAB-612 / HPL-1612 NEW SATVARIO

RL GL

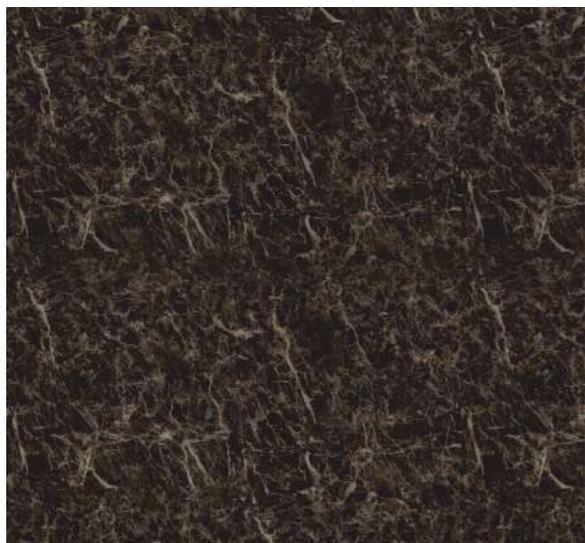


WAB-602 / HPL-1602 INDIAN KATNI

RL GL



Stone



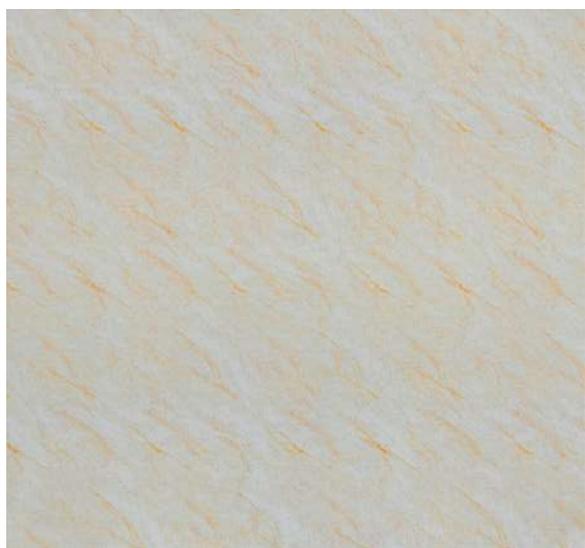
WAB-601 / HPL-1601 EMPERADOR

RL GL



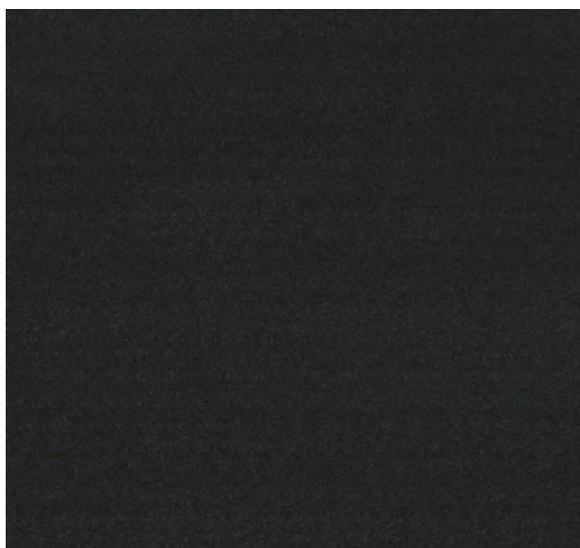
WAB-606 / HPL-1606 BLUE PEARL STONE

RL GL



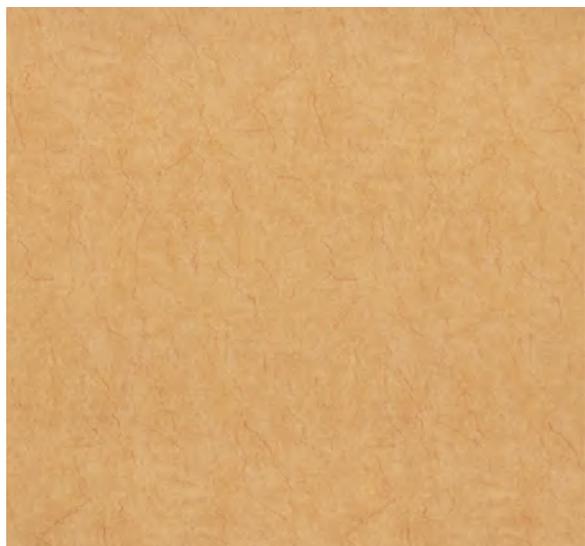
WAB-604 / HPL-1604 PINK ONNEX

RL GL



WAB-607 / HPL-1607 PARADISE GRANITE

GL



WAB-605 / HPL-1605 RUSTY MARBLE

RL GL

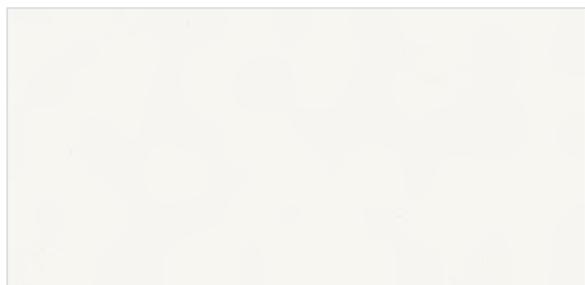


WAB-608 / HPL-1608 HONEY ONNEX

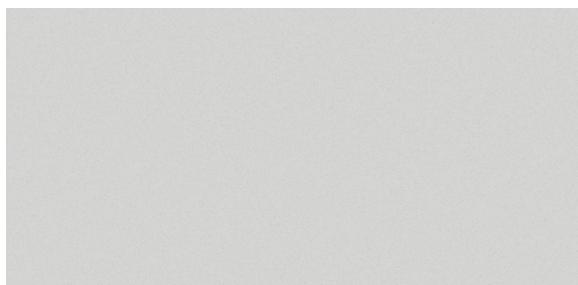
GL



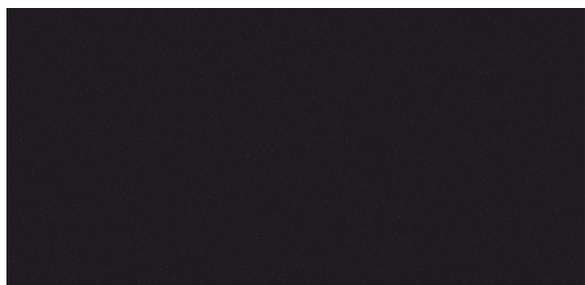
Premium Series



WAB-702 SPARKLE WHITE



WAB-907 SPARKLE SILVER



WAB-701 SPARKLE BLACK



WAB-902 BRUSH GOLD



WAB-901 BRUSH SILVER



WAB-903 SILVER MIRROR



WAB-905 GOLD MIRROR



WAB-906 FIGURED SILVER



Solid Metallic COLOR



WAB-135 GLOSSY BRIGHT SILVER



WAB-136 GLOSSY BLACK SILVER



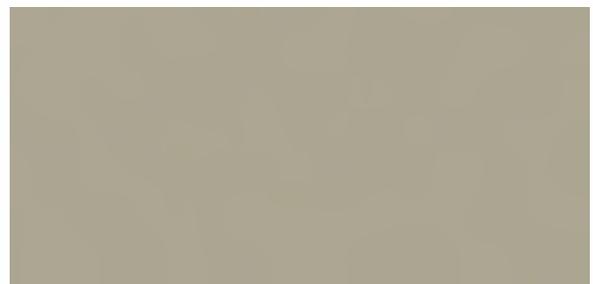
WAB-101 BRIGHT SILVER



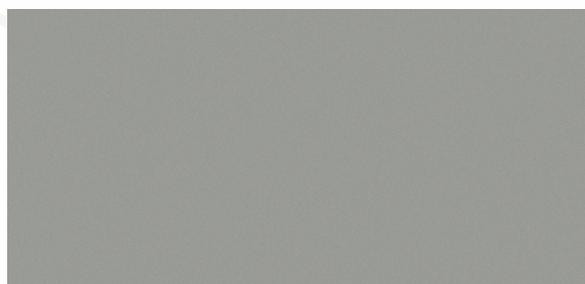
WAB-105 CHAMPAGNE GOLD



WAB-102 MATT SILVER



WAB-126 BRONZE



WAB-106 CHAMPAGNE SILVER



A touch of fabulous
finesse for your spaces
with our designs





Delightful Details



WAB-122 MAGIC GOLD



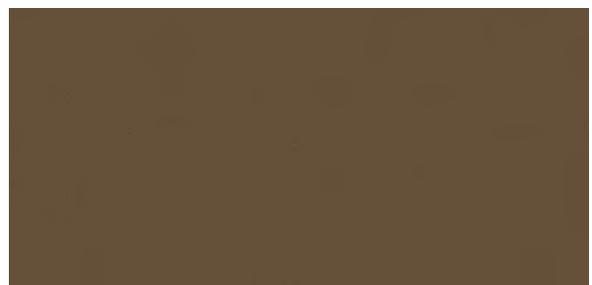
WAB-103 BLACK SILVER



WAB-107 GOLD



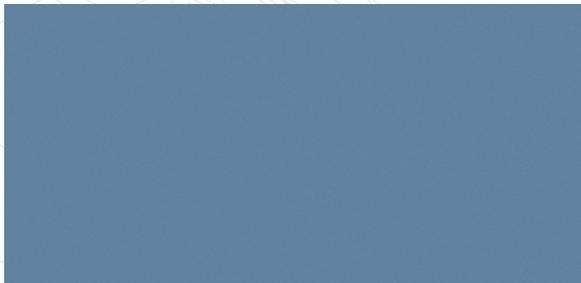
WAB-115 MOUSE GREY



WAB-108 COPPER



ATTRACTIVE ELEMENTS



WAB-109 BLUE JADE SILVER



WAB-110 PACIFIC BLUE



WAB-132 VIVO BLUE



WAB-111 DARK BLUE



WAB-131 BRIGHT BLUE



WAB-104 BLACK





WAB-120 SIGNAL RED



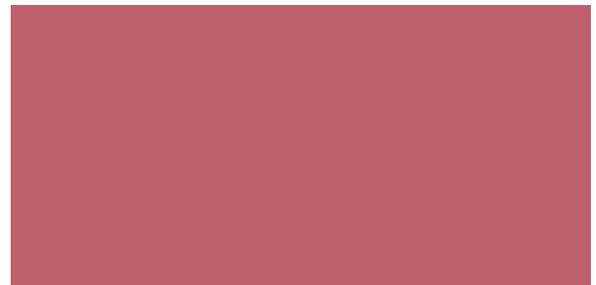
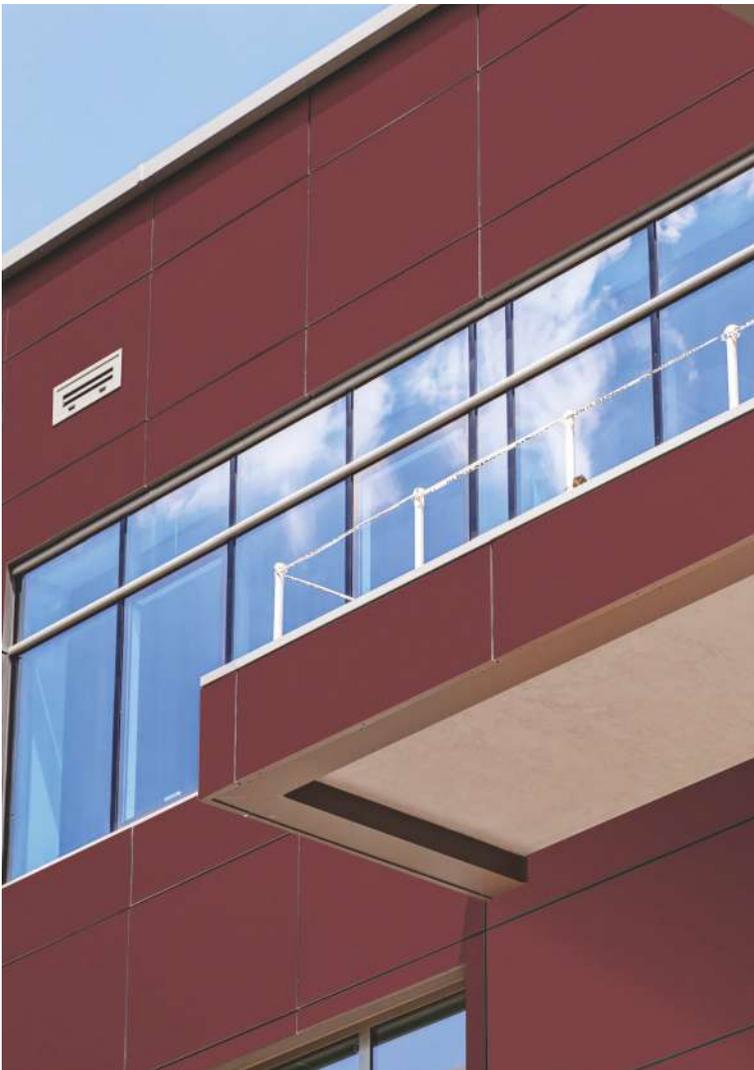
WAB-121 BRICK RED



WAB-125 COFFEE BROWN



WAB-124 BURGUNDY



WAB-128 JAIPUR PINK



WAB-134 PURPLE

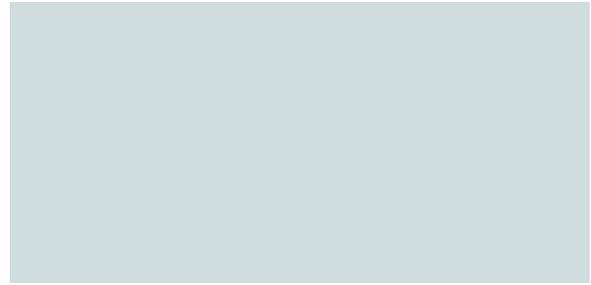


Elevate the elegance
 of your spaces with
 the uniqueness of
 our designs

Solid Metallic COLOR



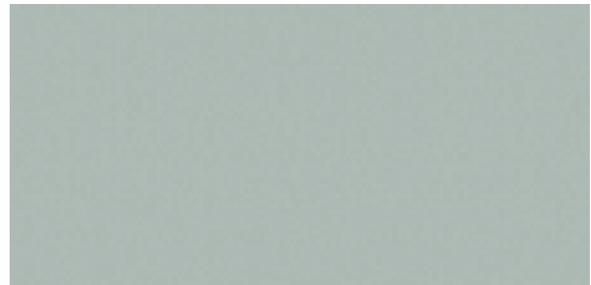
WAB-137 MILKY WHITE



WAB-113 PURE WHITE



WAB-130 IVORY WHITE



WAB-114 OFF WHITE



WAB-118 TRAFFIC YELLOW



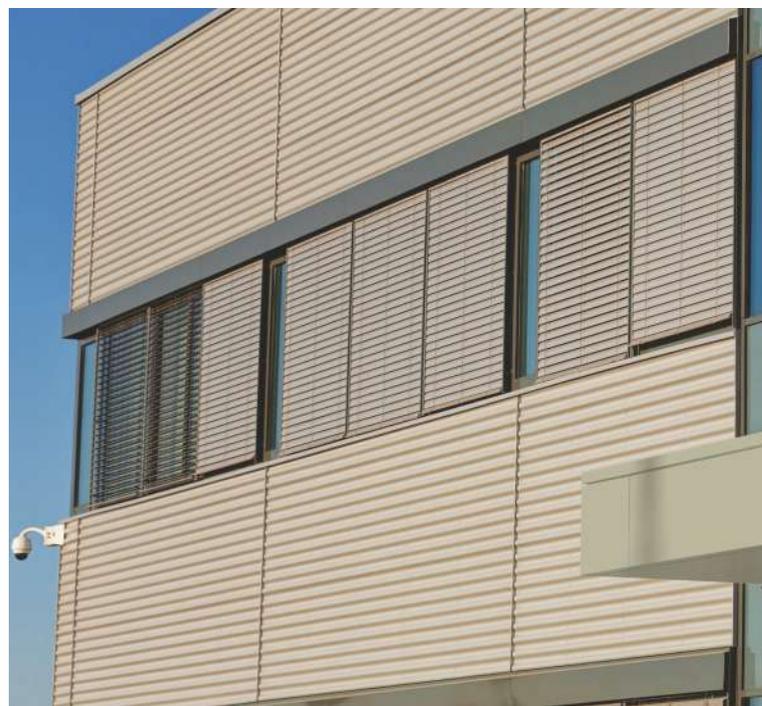
WAB-117 PURE YELLOW



WAB-119 ORANGE



Enrich your spaces
with elaborate and
exquisite details





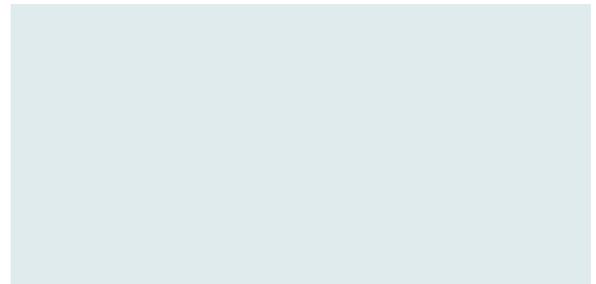
WAB-112 JADE GREEN



WAB-116 GREEN



WAB-123 DARK GREEN



WAB-127 GLOSSY WHITE



WAB-129 GLOSSY RED

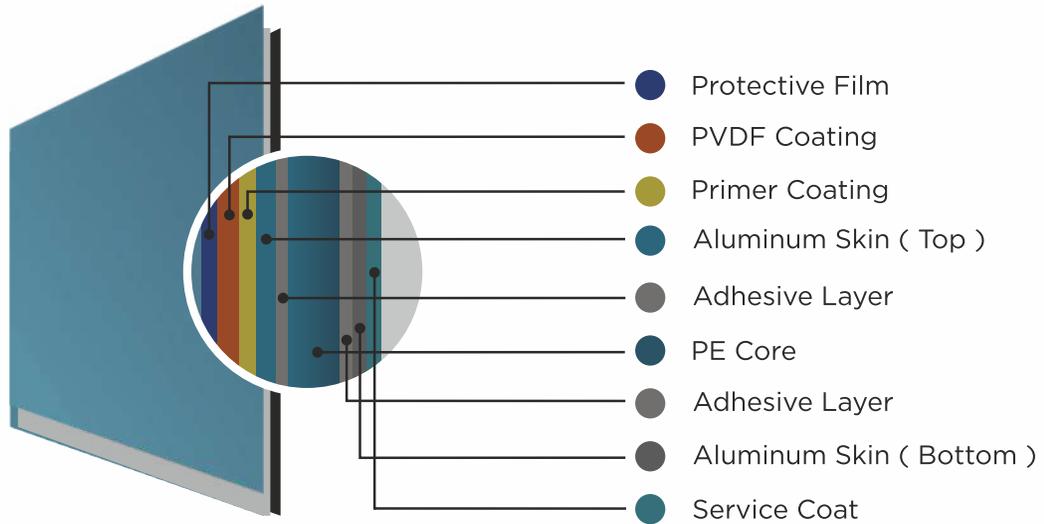


WAB-133 GLOSSY BLACK



SEAMLESS
 IMPRESSIONS

PANEL STRUCTURE



PRODUCT DIMENSION

Thickness	2mm To 6mm
Length	2440mm, 3050mm and 3660mm
Width	1220mm and 1550mm

- Variable length can be customized on special request.
- For further information regarding samples and for technical information, Please contact our Area Sales Manager or our Marketing Department.
- Colour tones may vary from batch to batch.
- For exact colour matching, please ask for sample.
- All colours and specification are customized on special request.

SALIENT FEATURES



GREEN PRODUCT



UV RESISTANT



EASY TO INSTALL



LIGHT WEIGHT



EASY TO CLEAN



LASER & CNC CUTTING POSSIBLE



PREVENTS DIRT ACCUMULATION



WEATHER RESISTANT



WATER / TERMITE PROOF



FLEXIBILITY STRENGTH



NON-POROUS SURFACE



RECYCLABLE

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FIRE TOUGH

We Serve To Save



In today's world, fire safety is a huge concern, The fire protection guidelines for the structure envelope can differ enormously from nation. Nevertheless, they both share the objective of protecting the individuals living in the house, Therefore, particular emphasis is placed on the concept of the facade framework. The raw materials are modified and designed to counter fire & maintain a distance from huge disruption.

The building as a whole must also be considered in addition to the safety of individual building materials: wall structure, insulation, substructure, facade material, dimensioning, design, joining technology etc. these components and parameters influence the building's actions whenever a fire breaks out.

Here are few reasons why wonder fire tough is the ideal choice for indoor and outdoor applications.



SMOKE FREE



NEGLIGIBLE
HEAT RELEASED



NO TOXIC
FUMES



ZERO FLAMING
DROPLETS



ZERO SPREAD
OF FLAMES



CORROSION
RESISTANT



EASY TO
INSTALL



DURABLE &
BEAUTIFUL



IN-HOUSE
QUALITY CHECKS

**WONDER FIRE RETARDANT ACP's
 ARE AVAILABLE ON DEMAND**

SOME REALIZATIONS WITH WONDER ALU BOARD

CERTIFICATIONS



Indian Green Building Council
MEMBER

SHIRAM INSTITUTE FOR INDUSTRIAL RESEARCH
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An ISO - 9001:2008 Certified Institute

TEST CERTIFICATE 000374952

Based on: WONDERS ALU BOARD OVERSEAS
2/F, 10/00 FLOOR,
BANGALORE ESTATE LAKE,
BT 5/5/3/1/1/1,
NEW BELUR - 560044
New Belur - 560044
New Belur - 560044
Year: 08/2019

Sample Particulars: **Item:**
One sample described as Aluminium Composite Panel thickness 4mm, Cell Thickness 0.20mm, was received.
The sampling was not carried out by Shiram Institute for Industrial Research. The sample details provided in the test certificate are based on declaration by the party.

Revised Report No: 374952/274701 Dt: 11/08/2019

S.No.	Tests	Results	Protocol / Test/Method adopted
A Physical Properties of Flexible Composite Panel			
1	Weight, kg/m ²	4.1	Using Weighing Balance
2	Panel Width, mm	990	Using Measuring Scale
3	Panel Length, mm	990	Using Measuring Scale
4	Panel Thickness, mm	4	Using Vernier Caliper
5	Modulus at 27°C, kg/cm ² (Minimum Area Cut)	0.86	As per ASTM D 790-08
6	Flexure Strength, N/mm ² (Using Strength)	5.7	As per ASTM D 905-08
7	Tensile Strength, kg/cm ²	4.4	As per ASTM E 8-01
8	Yield Strength, kg/cm ²	4.4	As per ASTM E 8-01
9	Elongation, %	4	As per ASTM E 8-01
10	Flexural Strength, kg/cm ²	7.7	As per ASTM D 790-08
11	Ultimate Compressive Strength, MPa	9.2	As per ASTM D 376-01
12	Water Absorption, %	90	As per ASTM D 570-01
13	Deflection Temperature, °C (under 1.8 MPa)	80	As per ASTM D638-01
B Properties of Aluminium Plate			
1	Plate Thickness, mm	0.20	Using Thickness Gauge
2	Tensile Strength, N/mm ²	140	As per ASTM E 8-01
3	Yield Strength, N/mm ²	121	As per ASTM E 8-01
4	Elongation, %	2	As per ASTM E 8-01
5	Modulus of Elasticity, kg/cm ²	1100	As per ASTM E 8-01

QR Code

SHIRAM INSTITUTE FOR INDUSTRIAL RESEARCH
2/F, 10/00 FLOOR, BANGALORE ESTATE LAKE, BT 5/5/3/1/1, NEW BELUR - 560044
E-Mail: shiram@shiramindia.com Website: <http://www.shiramindia.com>
Ph: 91-81-27667347, 27667348, 27667349
Fax: 91-81-2766734, 27667357

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BT 5/5/3/1/1,
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New Belur - 560044
New Belur - 560044
Year: 08/2019

Sample Particulars: **Item:**
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Revised Report No: 374952/274701 Dt: 11/08/2019

S.No.	Tests	Results	Protocol / Test/Method adopted
C Fast Track and Test Properties			
1	Lagging	Lagging is observed	By Visual Observation
2	Coating Thickness, micron	26	Using Micrometer
3	Clear at 90° angle	20	As per ASTM D 432-01
4	Flexibility (T-Bend)	No cracks in the coating by type observed as per	As per ASTM D 4045-01
5	Crack Check	No lifting of the plate by type was observed	As per ASTM D 3399-01
6	Hardness (Pencil or Gage Hardness)	No mark on the surface of the film is observed	As per ASTM D 2103-01
7	Scratch Hardness	No rupture or scratch of the coating is observed as per	As per ASTM D 790-08
8	Abrasive Resistance (Falling sand)	Substrate not exposed after 90 cycle of sand	As per ASTM D 968-01
9	Swelling Test (10% H ₂ O)	No visual Change in appearance, discoloration, swelling, chalking, bubbling, is observed	By Visual Observation
10	10% NaOH	No visual Change in appearance, discoloration, swelling, chalking, bubbling, is observed	By Visual Observation
11	10% NaCl	No visual Change in appearance, discoloration, swelling, chalking, bubbling, is observed	By Visual Observation
12	Impact	No visual Change in appearance, discoloration, swelling, chalking, bubbling, is observed	By Visual Observation

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New Belur - 560044
Year: 08/2019

Sample Particulars: **Item:**
One sample described as Aluminium Composite Panel thickness 4mm, Cell Thickness 0.20mm, was received.
The sampling was not carried out by Shiram Institute for Industrial Research. The sample details provided in the test certificate are based on declaration by the party.

Revised Report No: 374952/274701 Dt: 11/08/2019

S.No.	Tests	Results	Protocol / Test/Method adopted
C Fast Track and Test Properties			
1	Lagging	Lagging is observed	By Visual
2	Coating Thickness, micron	26	Using Micrometer
3	Clear at 90° angle	20	As per ASTM D 432-01
4	Flexibility (T-Bend)	No cracks in the coating by type observed as per	As per ASTM D 4045-01
5	Crack Check	No lifting of the plate by type was observed	As per ASTM D 3399-01
6	Hardness (Pencil or Gage Hardness)	No mark on the surface of the film is observed	As per ASTM D 2103-01
7	Scratch Hardness	No rupture or scratch of the coating is observed as per	As per ASTM D 790-08
8	Abrasive Resistance (Falling sand)	Substrate not exposed after 90 cycle of sand	As per ASTM D 968-01
9	Swelling Test (10% H ₂ O)	No visual Change in appearance, discoloration, swelling, chalking, bubbling, is observed	By Visual Observation
10	10% NaOH	No visual Change in appearance, discoloration, swelling, chalking, bubbling, is observed	By Visual Observation
11	10% NaCl	No visual Change in appearance, discoloration, swelling, chalking, bubbling, is observed	By Visual Observation
12	Impact	No visual Change in appearance, discoloration, swelling, chalking, bubbling, is observed	By Visual Observation

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BT 5/5/3/1/1,
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New Belur - 560044
Year: 08/2019

Sample Particulars: **Item:**
One sample described as Aluminium Composite Panel thickness 4mm, Cell Thickness 0.20mm, was received.
The sampling was not carried out by Shiram Institute for Industrial Research. The sample details provided in the test certificate are based on declaration by the party.

Revised Report No: 374952/274701 Dt: 11/08/2019

S.No.	Tests	Results	Protocol / Test/Method adopted
A Physical Properties of Flexible Composite Panel			
1	Weight, kg/m ²	4.1	Using Weighing Balance
2	Panel Width, mm	990	Using Measuring Scale
3	Panel Length, mm	990	Using Measuring Scale
4	Panel Thickness, mm	4	Using Vernier Caliper
5	Modulus at 27°C, kg/cm ² (Minimum Area Cut)	0.86	As per ASTM D 790-08
6	Flexure Strength, N/mm ² (Using Strength)	10.7	As per ASTM D 905-08
7	Tensile Strength, kg/cm ²	3.1	As per ASTM E 8-01
8	Yield Strength, kg/cm ²	4.1	As per ASTM E 8-01
9	Elongation, %	5	As per ASTM E 8-01
10	Flexural Strength, kg/cm ²	12.1	As per ASTM D 790-08
11	Ultimate Compressive Strength, MPa	9.6	As per ASTM D 376-01
12	Water Absorption, %	90	As per ASTM D 570-01
13	Deflection Temperature, °C (under 1.8 MPa)	82	As per ASTM D638-01
B Properties of Aluminium Plate			
1	Plate Thickness, mm	0.20	Using Thickness Gauge
2	Tensile Strength, N/mm ²	140	As per ASTM E 8-01
3	Yield Strength, N/mm ²	121	As per ASTM E 8-01
4	Elongation, %	2	As per ASTM E 8-01
5	Modulus of Elasticity, kg/cm ²	1100	As per ASTM E 8-01

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SHIRAM INSTITUTE FOR INDUSTRIAL RESEARCH
2/F, 10/00 FLOOR, BANGALORE ESTATE LAKE, BT 5/5/3/1/1, NEW BELUR - 560044
E-Mail: shiram@shiramindia.com Website: <http://www.shiramindia.com>
Ph: 91-81-27667347, 27667348, 27667349
Fax: 91-81-2766734, 27667357

Please note that the accreditations displayed above have low visibility. Scan the QR code for a better view!

CERTIFICATIONS



CLASSIFICATION OF REACTION TO FIRE PERFORMANCE IN ACCORDANCE WITH BS EN 13501-1:2018

Test Sponsor:
GM Alloys Private Ltd.
B-26, Phase-1, RICO Industrial Area Behror-301701 Distt-Alwar, Rajasthan, India
T: +91 11 474 87700 | F: +91 11 474 81299
Website: www.gmalloys.com

Test Material / Assembly:
Wonder Fire Tough FR B, WAB-101 ACP, 4 mm thick

THOMAS BELL-WRIGHT INTERNATIONAL CONSULTANTS
Issue Date: 30-Oct-23
Classification Report Reference No.: WE005-3

PO BOX 20385, DUBAI UAE T: +971 (0)4 821 9777 fire@bell-wright.com www.bell-wright.com
DUBAI | DOHA | RIVADH

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THOMAS BELL-WRIGHT INTERNATIONAL CONSULTANTS
Classification Report Reference No.: WE005-3

⁴ For any internal non-substantial component of non-homogeneous products.
⁵ For the product as a whole.
¹ In the last phase of the development of the test procedure, modifications of the smoke measurement system have been introduced, the effect of which needs further investigation. This may result in a modification of the limit values and/or parameters for the evaluation of the smoke production.
S1 = SMOG_{DR} ≤ 30m²/s and TSP_{max} ≤ 50m²; sF = SMOG_{DR} ≤ 180m²/s and TSP_{max} ≤ 200m²; sB = not s1 or s2
² dB = No flaming droplets/particles in EN 13823 within 600 s;
d3 = no flaming droplets/particles persisting longer than 10 s in EN 13823 within 600 s;
d2 = not dB or d3
Ignition of the paper in EN ISO 12925-2 results in a d2 classification.
³ Pass = no ignition of the paper (no classification).
Fail = ignition of the paper (d2 classification).
⁴ Under conditions of surface flame attack and, if appropriate to the end-use application of the product, edge flame attack.

— End of Classification Report —

Page 10 of 10

Certificate of Registration

ISO 9001:2015

This is to Certify That The Quality Management System of
G M ALLOYS PRIVATE LIMITED
B - 26, RICO INDUSTRIAL AREA, BEHROR,
ALWAR - 301701, RAJASTHAN, INDIA.

has been audited and conformed to be in accordance with the requirements of
ISO 9001:2015
The Quality Management System is Applicable to :
MANUFACTURING & SUPPLY OF ALUMINIUM COMPOSITE PANEL SHEETS.

Certificate No: **QBK97921**
Initial Registration Date: 07/10/2021
Date of Expiry: 06/10/2024
1st Surve. Due: 07/09/2022
2nd Surve. Due: 07/09/2023

Director
IAS ACCREDITED Management System Certification Body
IAF ASSOCIATION OF INTERNATIONAL CERTIFICATION BODIES

Aambitious Assessment Pvt. Ltd.
904, Ashok Bhawan, Building No. 93, Nehru Place, New Delhi - 110 019, India.
e-mail: info@ambitiouscertification.in, website: www.ambitiouscertification.in
Certificate Verification: Certificate Validity can be re-checked at www.aapcertification.in
This certificate is a property of Aambitious Assessment Pvt. Ltd. and shall be returned immediately when demanded.
*Validity of this certificate is subject to successful completion of surveillance audit on or before due date.

15 YEARS

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Confederation of Indian Industry

Membership Certificate
This is to certify that
G M Alloys Pvt Ltd
is an Annual Member of Indian Green Building Council (IGBC)
Bearing Membership No **IGBCM220736**
This certificate shall be valid up to December 2023

K S Venkatagiri
Executive Director
CI - IGBC.

Gurmit Singh Arora
Chairman
Indian Green Building Council

B Thigarajan
Vice Chairman
Indian Green Building Council

Indian Green Building Council
CI - Sohrabji Godrej Green Business Centre, Survey No. 64, Near Hitech City, H R Dist, Hyderabad - 500 084
T: +91 40 4418 5132/33 F: +91 40 4418 5189 E: igbc@ciil.in W: igbc.in

Winner of
BEST ACP MANUFACTURER AWARD 2022



**INDUSTRY LEADERS
AWARDS 2022**



CORPORATE OFFICE:

GM ALLOYS PRIVATE LIMITED

201-204, 2nd Floor, Aggarwal City Square, Manglam Place, Sector -3,
Rohini, New Delhi - 110085

WORKS:

B-26, RIICO Industrial Area, Behror, District - Alwar, Rajasthan - 301701

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