



BEYOND OUR LIMITS



PRODUCT CATALOGUE

Melamine Faced Chipboard





TEST REPORT

TEST REPORT: 7191250279-CHM21-01-RC

Date: 25 JAN 2021 Tel: +65 69736171 Fax: +65 67784301
Client's Ref: Email: Randy.CHM@tuv.sg

SUBJECT
Antibacterial Activity Evaluation

CLIENT
Gala Performance Sdn Bhd
Lot 960-B, Jalan Kampung
Kampung Baru
40160 Sungai Buloh
Selangor
Malaysia

Attn: Ms. Nicole Tan

SAMPLE SUBMISSION DATE / TEST DATE
23 Nov 2020 / 01 Dec 2020

DESCRIPTION OF SAMPLE
One coated sample labelled as below was submitted.
Product Name: Melamine Face Particle Board Anti Microbial
Brand: i-Panel

METHOD OF TEST
ISO 22196:2011
"Antibacterial products - Test for antibacterial activity and efficacy".
The test microorganisms used were:
Staphylococcus aureus (ATCC 6538P)
Escherichia coli (ATCC 8739)
Methicillin-resistant Staphylococcus aureus (NCTC 12493)
Pseudomonas aeruginosa (ATCC 9027)
Salmonella typhimurium (ATCC 14028)

Size of Coated Sample: 5 cm x 5 cm
Size of Uncoated Sample: 5 cm x 5 cm
Size of film: 4 cm x 4 cm polyethylene film
Volume of test inoculum: 0.2 ml

LABORATORY
TUV SUD PRA
No. 1 Science Park Drive
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1 Science Park Drive, #02-01
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ISO 9001

TEST REPORT: 7191250279-CHM21-02-RC

Date: 25 JAN 2021 Tel: +65 69736171 Fax: +65 67784301
Client's Ref: Email: Randy.CHM@tuv.sg

SUBJECT
Antibacterial Activity Evaluation

CLIENT
Gala Performance Sdn Bhd
Lot 960-B, Jalan Kampung
Kampung Baru
40160 Sungai Buloh
Selangor
Malaysia

Attn: Ms. Nicole Tan

SAMPLE SUBMISSION DATE / TEST DATE
23 Nov 2020 / 01 Dec 2020

DESCRIPTION OF SAMPLE
One coated sample labelled as below was submitted.
Product Name: Melamine Face Particle Board Anti Microbial
Brand: i-Panel

METHOD OF TEST
JIS Z 2801:2010A1:2012
"Antibacterial products - Test for antibacterial activity and efficacy".
The test microorganisms used were:
Staphylococcus aureus (ATCC 6538P)
Escherichia coli (ATCC 8739)

Size of Coated Sample: 5 cm x 5 cm
Size of Uncoated Sample: 5 cm x 5 cm
Size of film: 4 cm x 4 cm polyethylene film
Volume of test inoculum: 0.2 ml

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ISO 9001

The results reported herein have been performed in accordance with the terms of accreditation under the Singapore Accreditation Council Inspection/Certification Scheme (SAC) ISO 9001:2015. The results are not valid for use in the SAC-ISO 9001:2015 Accredited Scheme for our inspection body/competence.

IPANEL WORKS WITH WORLD LEADING DECORS PAPER SUPPLIES

impress
THE DECOR COMPANY

schatdecor

SURTECO

LamiGraf





iPANEL

9013
Graven Loftwood







WOODGRAIN

Offers the perfect blend of nature with a slight of contemporary impact; amplify the earth's raw and blemished textures – our Woodgrain collection highlighting its unique look comprised of characteristics found in timeworn woods.

iPANEL

9023
Argento



iPANEL

9022
Eurasia



9001
Eiche Royal Nuturediele



9002
Rijeka Eiche



9003
Virginia Walnut



9004
Absolut Walnut



9005
Canyon Portland Chestnut



9006
American Canyon Portland
Chestnut



9007
Pacific



9009
Belluno Apfelbaum



9008
Poris Pacific



9010
San Marino Eiche



9011
Santiago



9012
Loftwood



9013
Graven Loftwood



9014
Kitami Rueter



9016
Natural Chestnut



9015
Kitami Resara



9017
Sonora Chestnut



9018
Moldau Akazie



9019
Dark Akazie



9020
Leander Mobile



9021
Conwy Elm



9023
Argento



9022
Eurasia



9024
Standley Hickory



STONE

The elegant Stone collection is characterised by a subtle tonal variation making it very unique – uniting the natural and with the stylish in each piece.



8005
Black Stone



8004
White Stone



8001
Mercurio



8002
Custave Caspio



8003
Ossidi Caspio





FABRIC

The collection that designs to offer safe palette, Fabric can easily blend with other tones to create the perfect ambience.

iPANEL

7001
Cocoa Twist



7001
Cocoa Twist



7002
Cosmo Twist



DÉCOR

Creating a relaxing and moderate atmosphere – Decor collection is a classy choice, which designs for all of the minimalist lovers.

 IPANEL

6001
Ardenno



6001
Ardenno



6002
Grainy Black



6003
Fino White





SOLID

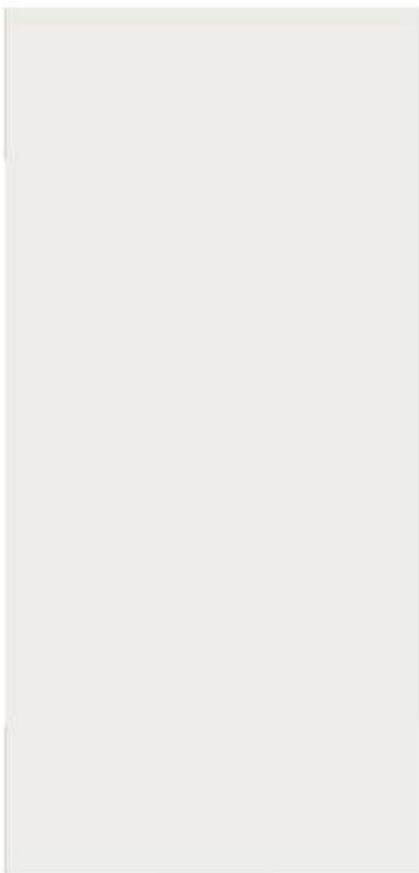
Perfect for the creative minds who like to express themselves – Solid collection offers various tones suitable for mix and match.

iPANEL

5003
Ivory



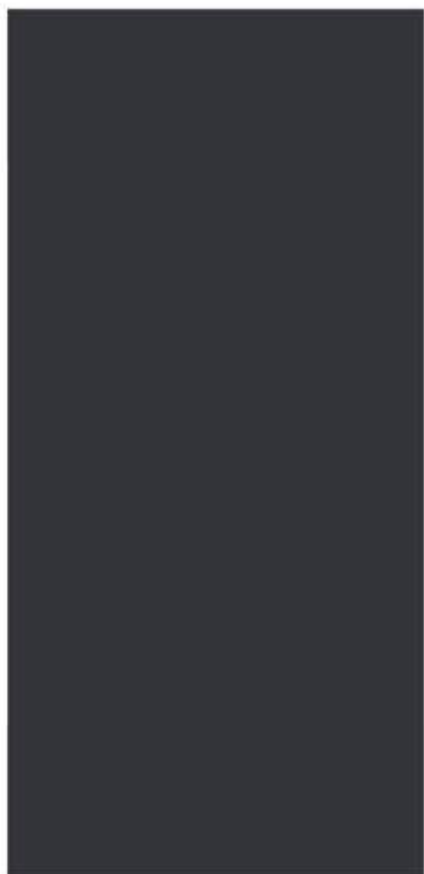
5001
Black



5003
Ivory



5005
Red



5002
Graphite



5004
Grey



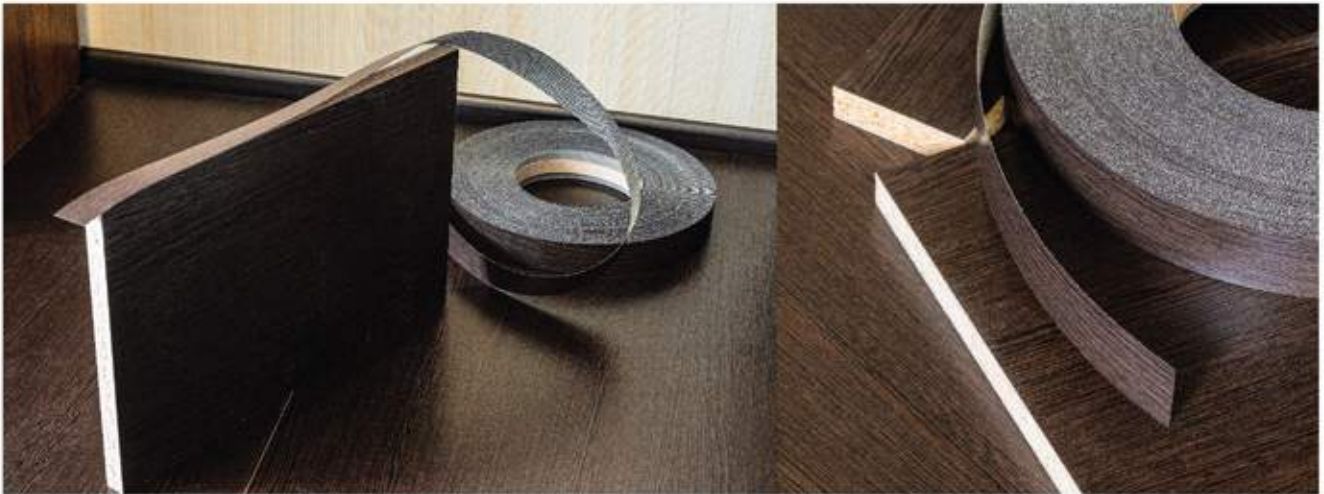


MOISTURE RESISTANT GRADE
Particleboard Substrate
Boards For Non Load Bearing Used In Humid Conditions

PROPERTIES	METHOD	UNIT	>13-20MM	>20-25MM	>25-32MM
Bending Strength	EN310	N/mm ²	11.0	10.5	9.5
Modulus of Elasticity	EN310	N/mm ²	1600	1500	1350
Internal Bond	EN319	N/mm ²	0.45	0.4	0.35
Screw Holding - Face	EN320	N	>900	>900	>800
- Edge			>500	>500	>400
Thickness Swelling - 24hrs	EN317	%	<17	<16	<16
V313 Cyclic Test			-	-	-
IB	EN321	N/mm ²	NA	NA	NA
Thickness Swell		%	NA	NA	NA
Density	EN323	Kg/m ³	700±20	680±20	660±20
Formaldehyde Potential					
- E2	EN120	mg/100g	MAX <30		
- E2	JIS A1460	Mg/L	Ave 5.0, Max 7.0		
Moisture Content	EN322	%	5 -13		
Thickness Tolerance	EN324-1	mm	±0.3		
Length and Width Tolerance	EN324-1	mm	±5		
Edge Straightness Tolerance	EN324-2	mm	1.5mm per m		
Squareness Tolerance	EN324-2	mm	2mm per m		

MATCHED MFC PVC EDGEBOARD

Available size :
1 mm x 20 mm x 200 meters
1 mm x 36 mm x 100 meters
Custom Made are welcome





www.ipanel.com.my