




MFC

Innovative MFC & MDF Melamine Panels

MASTER COLLECTION 2017-19



INNOVATION AND COMPETITIVENESS ARE THE CHARACTERISTIC THAT MAKES AN CUONG A MARKET LEADER IN THE PRODUCTION OF WOOD-WORKING MATERIALS IN VARIOUS SIZES AND TYPES, AND OF MELAMINE-FACED CHIPBOARDS WITH A WIDE RANGE OF DECORS AND TEXTURES. IN ADDITION TO THE STANDARD MELAMINE-FACED CHIPBOARDS, SINCE 2016 WE HAVE HAD A LOT OF NEW PRESS-PLATES WHICH ARE VERY UNIQUE. THE PURSUIT OF QUALITATIVE IMPROVEMENT IN EACH PHASE OF PRODUCTION IS OBTAINED THANKS TO CONSTANT INVESTMENTS IN TECHNOLOGY, ACCOMPANIED BY UNTIRING RESEARCH INTO NEW DECORATIONS AND FASHIONABLE TEXTURES.

Rovere Cristallo



MS 513 MM 
Rovere Cristallo
Size: 1.220mm x 2.440mm

* ▲



MS 514 MM 
Rovere Cristallo
Size: 1.220mm x 2.440mm

* ▲



MS 515 MM 
Rovere Cristallo
Size: 1.220mm x 2.440mm

* ▲



MS 516 MM 
Rovere Cristallo
Size: 1.220mm x 2.440mm

* ▲

Coburg Eiche Quer



MS 505 MM 
Coburg Eiche Quer
Size: 1.220mm x 2.440mm

* ▲



MS 506 MM 
Coburg Eiche Quer
Size: 1.220mm x 2.440mm

* ▲



MS 507 MM 
Coburg Eiche Quer
Size: 1.220mm x 2.440mm

* ▲



MS 508 MM 
Coburg Eiche Quer
Size: 1.220mm x 2.440mm

* ▲

Armagnac Ruster Quer



MS 512 MM 
Armagnac Ruster Quer
Size: 1.220mm x 2.440mm

* ▲



MS 509 MM 
Armagnac Ruster Quer
Size: 1.220mm x 2.440mm

* ▲



MS 511 MM 
Armagnac Ruster Quer
Size: 1.220mm x 2.440mm

* ▲



MS 510 MM 
Armagnac Ruster Quer
Size: 1.220mm x 2.440mm

* ▲

Moldau Acacia



MS 501 MM 
Moldau Acacia
Size: 1.220mm x 2.440mm

* ▲



MS 502 MM 
Moldau Acacia
Size: 1.220mm x 2.440mm

* ▲



MS 503 MM 
Moldau Acacia
Size: 1.220mm x 2.440mm

* ▲




MS 504 MM 
Moldau Acacia
Size: 1.220mm x 2.440mm

* ▲


Kilkenny Oak



MS 520 MM 
Kilkenny Oak
Size: 1.220mm x 2.440mm


* ▲



MS 518 MM 
Kilkenny Oak
Size: 1.220mm x 2.440mm


* ▲



MS 517 MM 
Kilkenny Oak
Size: 1.220mm x 2.440mm

* ▲



MS 519 MM 
Kilkenny Oak
Size: 1.220mm x 2.440mm

* ▲



Carm Anigre



MS 609 EV
Carm Anigre
Size: 1.220mm x 2.440mm

* ▲



MS 608 EV
Carm Anigre
Size: 1.220mm x 2.440mm

* ▲



MS 607 MM
Carm Anigre
Size: 1.220mm x 2.440mm

* ▲



MS 606 MM
Carm Anigre
Size: 1.220mm x 2.440mm

* ▲

Neo American Cherry



MS 605 RM
Neo American Cherry
Size: 1.220mm x 2.440mm

* ▲



MS 604 RM
Neo American Cherry
Size: 1.220mm x 2.440mm

* ▲



MS 603 MM
Neo American Cherry
Size: 1.220mm x 2.440mm

* ▲



MS 602 MM
Neo American Cherry
Size: 1.220mm x 2.440mm

* ▲



MS 601 MM
Neo American Cherry
Size: 1.220mm x 2.440mm


* ▲

New Arrivals




MS 612 EV  * ▲
Snug Walnut
Size: 1.220mm x 2.440mm




MS 614 EV  * ▲
English Walnut
Size: 1.220mm x 2.440mm




MS 613 EV  * ▲
Neo Fine Walnut
Size: 1.220mm x 2.440mm




MS 612 EV  * ▲
Snug Walnut
Size: 1.220mm x 2.440mm



MS 611 EV  * ▲
Giorgio Oak
Size: 1.220mm x 2.440mm



MS 610 RM  * ▲
Master Oak
Size: 1.220mm x 2.440mm



High gloss



MS 341 HG
Salop Teak
Size: 1.830mm x 2.440mm



MS 644 HG
Agorá
Size: 1.830mm x 2.440mm



MS 333 HG
Columbia Walnut
Size: 1.220mm x 2.440mm



MS 739 HG
Guayana Rose
Size: 1.830mm x 2.440mm



MS 2342 HG
Metallic Elm
Size: 1.830mm x 2.440mm



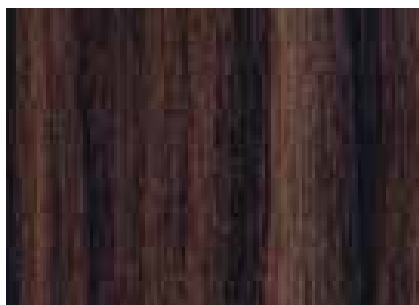
MS 331 HG
Natural Walnut
Size: 1.220mm x 2.440mm



MS 771 HG
Natural Cherry
Size: 1.220mm x 2.440mm



MS 770 HG
Wild Cherry
Size: 1.220mm x 2.440mm



MS 740 HG
Viet Ebony
Size: 1.220mm x 2.440mm



MS 422 HG
Coburg Oak
Size: 1.220mm x 2.440mm



MS 423 HG
Coburg Oak
Size: 1.220mm x 2.440mm



MS 624 HG
Belfort Oak
Size: 1.220mm x 2.440mm



Tokaj Lime



MS 410 MM
Tokaj Lime
Size: 1.220mm x 2.440mm

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MS 409 MM
Tokaj Lime
Size: 1.220mm x 2.440mm

* ▲



MS 411 MM
Tokaj Lime
Size: 1.220mm x 2.440mm

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MS 412 MM
Tokaj Lime
Size: 1.220mm x 2.440mm

* ▲



MS 413 MM
Tokaj Lime
Size: 1.220mm x 2.440mm

* ▲



MS 414 MM
Tokaj Lime
Size: 1.220mm x 2.440mm

* ▲



Coburg Oak



MS 419 RM
Coburg Oak
Size: 1.220mm x 2.440mm

* ▲



MS 420 RM
Coburg Oak
Size: 1.220mm x 2.440mm

* ▲



MS 421 RM
Coburg Oak
Size: 1.220mm x 2.440mm

* ▲



MS 424 RM
Coburg Oak
Size: 1.220mm x 2.440mm

* ▲



MS 422 RM
Coburg Oak
Size: 1.220mm x 2.440mm

* ▲



MS 423 RM
Coburg Oak
Size: 1.220mm x 2.440mm

* ▲

Bergerac Oak



MS 415 EV
Bergerac Oak
Size: 1.220mm x 2.440mm

* ▲



MS 417 EV
Bergerac Oak
Size: 1.220mm x 2.440mm

* ▲



MS 418 EV
Bergerac Oak
Size: 1.220mm x 2.440mm

* ▲



MS 416 EV
Bergerac Oak
Size: 1.220mm x 2.440mm

* ▲

Wyoming Maple



MS 404 PL
Wyoming Maple
Size: 1.220mm x 2.440mm

* ▲



MS 403 PL
Wyoming Maple
Size: 1.220mm x 2.440mm

* ▲



MS 402 PL
Wyoming Maple
Size: 1.220mm x 2.440mm

* ▲



MS 401 PL
Wyoming Maple
Size: 1.220mm x 2.440mm

* ▲



MS 407 PL
Wyoming Maple
Size: 1.220mm x 2.440mm

* ▲



MS 405 PL
Wyoming Maple
Size: 1.220mm x 2.440mm

* ▲



MS 408 PL
Wyoming Maple
Size: 1.220mm x 2.440mm

* ▲



MS 406 PL
Wyoming Maple
Size: 1.220mm x 2.440mm

* ▲



Oak



MS 389 SL
Sonama Oak
Size: 1.220 x 2.440mm

* ▲



MS 9223 NV
Banstead Oak
Size: 1.220 x 2.440mm

▲



MS 9222 RM
Bamberg Oak
Size: 1.830 x 2.440mm

▲



MS 619 EV
Niagara Oak
Size: 1.220mm x 2.440mm

▲



MS 631 EV
Colorado Oak
Size: 1.220 x 2.440mm

▲



MS 627 EV
Colorado Oak
Size: 1.220 x 2.440mm

▲



MS 390 EV
Laredo Oak
Size: 1.220mm x 2.440mm

▲



MS 626 EV
Colorado Oak
Size: 1.220 x 2.440mm

▲



MS 635 WN
Yellow EV Oak
Size: 1.220 x 2.440mm

▲



Oak



MS 624 EV
Belfort Oak
Size: 1.220mm x 2.440mm



MS 640 WN **▲
Engineering Oak
Size: 1.220 x 2.440mm
1.830 x 2.440mm



MS 641 ML ▲
Dark Oak
Size: 1.220mm x 2.440mm



MS 347 PL ▲
Life Oak
Size: 1.220mm x 2.440mm



MS 642 T ★▲
Smoky Rijeka Oak
Size: 1.220 x 2.440mm
1.830 x 2.440mm



MS 24003 NV ▲
Pasadena Oak
Size: 1.220mm x 2.440mm



MS 386 T **▲
New England Oak
Size: 1.220 x 2.440mm
1.830 x 2.440mm



MS 383 WG ▲
European Oak
Size: 1.220 x 2.440mm



MS 382 T ▲
Newzerland Oak
Size: 1.220 x 2.440mm



MS 2339 WG ▲
Standard Oak
Size: 1.220 x 2.440mm



MS 622 RM ▲
Rijeka Oak
Size: 1.830 x 2.440mm



MS 649 NV ▲
Fancy Red Oak
Size: 1.220 x 2.440mm



MS 388 EV
Oak Santana
Size: 1.220 x 2.440mm

▲



MS 630 WN
Modern Oak
Size: 1.220 x 2.440mm
1.830 x 2.440mm

*▲



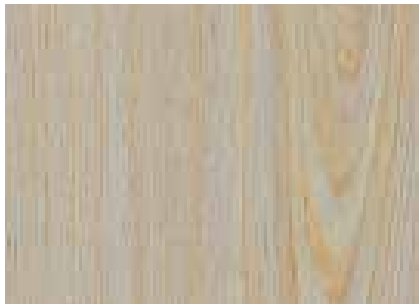
MS 10083 T
Coburg Oak
Size: 1.830 x 2.440mm

*▲



MS 10084 T
Coburg Oak
Size: 1.220 x 2.440mm

▲



MS 650 WN
Red Oak
Size: 1.220 x 2.440mm

▲



MS 620 WN
Vertical Oak
Size: 1.220 x 2.440mm
1.830 x 2.440mm

*★★



MS 9225 T
Metallic Oak
Size: 1.830 x 2.440mm

*▲



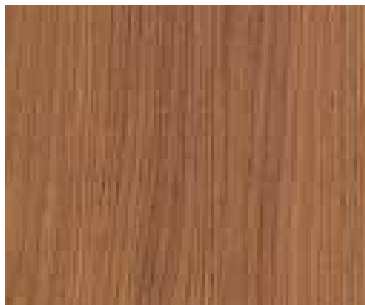
MS 2340 T
Metallic Oak
Size: 1.220 x 2.440mm
1.830 x 2.440mm

*★★

Walnut



MS 334 NV
Walnut Rigato
Size: 1.220 x 2.440mm



▲ MS 332 RM
Virginia Walnut
Size: 1.830 x 2.440mm



▲ MS 643 WN
Walnut
Size: 1.220 x 2.440mm ▲



MS 331 EV
Natural Walnut
Size: 1.220 x 2.440mm



▲ MS 329 EV
Colored Walnut
Size: 1.220 x 2.440mm



▲ MS 333 PL
Columbia Walnut
Size: 1.220 x 2.440mm ▲



MS 336 WG
Canadian Walnut
Size: 1.220 x 2.440mm



▲ MS 338 T
Walnut
Size: 1.220 x 2.440mm
1.830 x 2.440mm



* ▲ MS 338 RM
Walnut
Size: 1.220 x 2.440mm
1.830 x 2.440mm



Maple



MS 2165 T
Yellow Maple
Size: 1.220 x 2.440mm
1.830 x 2.440mm



▲ **MS 990 T**
Omeg Maple
Size: 1.220 x 2.440mm
1.830 x 2.440mm



▲ **MS 328 WG**
Poplar Maple
Size: 1.220 x 2.440mm



MS 23015 T
Wyoming Maple
Size: 1.220 x 2.440mm



▲ **MS 325 T**
Murnau Maple
Size: 1.220 x 2.440mm
1.830 x 2.440mm



* * ▲ **MS 16011 T**
Stromberg Maple
Size: 1.830 x 2.440mm

Elm



MS 23029 NV
Swiss Elm
Size: 1.220 x 2.440mm



▲ **MS 337 RM**
Taormina Elm
Size: 1.830 x 2.440mm



▲ **MS 2342 T**
Metallic Elm
Size: 1.830 x 2.440mm



▲ **MS 10081 NV**
Nancy Elm
Size: 1.220 x 2.440mm



Teak



MS 341 T
Salop Teak
Size: 1.830 x 2.440mm



▲ **MS 9208-1 T**
Dark Teak
Size: 1.220 x 2.440mm



★ **MS 031 WN**
Natural Teak
Size: 1.220 x 2.440mm

*▲

Beech



MS 367 T
Light Beech
Size: 1.830 x 2.440mm



*▲ **MS 324 T**
Bavarian Beech
Size: 1.220 x 2.440mm
1.830 x 2.440mm



*★▲ **MS 368 T**
Bavarian Beech
Size: 1.220 x 2.440mm
1.830 x 2.440mm

*▲

Cherry



MS 385 T
Elegance Cherry
Size: 1.220 x 2.440mm
1.830 x 2.440mm



* **MS 384 T**
Oxford Cheery
Size: 1.220 x 2.440mm



* ▲ **MS 9284 T**
Marasca Cherry
Size: 1.830 x 2.440mm



MS 303 T
Cherry
Size: 1.220 x 2.440mm
1.830 x 2.440mm



* ** ▲ **MS 771 EV**
Natural Cherry
Size: 1.220 x 2.440mm



▲ **MS 770 SH**
Wild Cherry
Size: 1.220 x 2.440mm



▲ **MS 381 EV**
Omaha Cherry
Size: 1.220 x 2.440mm



Wenge



MS 9241 ML
Gorgeous Wenge
Size: 1.220 x 2.440mm



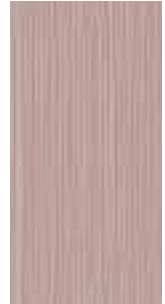
▲ MS 9238 WN * ▲
Wenge
Size: 1.220 x 2.440mm
1.830 x 2.440mm

Pine



MS 376 FL
Jamica stripe
Size: 1.220 x 2.440mm

** ▲



MS 375 FL * ▲
Pine
Size: 1.220 x 2.440mm

Plum



MS 340 T
Plum
Size: 1.220mm x 2.440mm



▲ MS 335 WG ▲
Plum Walnut
Size: 1.220mm x 2.440mm

Alder



MS 4601 T
Alder
Size: 1.220mm x 2.440mm

▲



MS 4602 T ** ▲
Red Alder
Size: 1.830mm x 2.440mm



Fabric



MS 999 MM
Fabric
Size: 1.220 x 2.440mm



MS 996 NV * ▲
Fabric
Size: 1.220 x 2.440mm



MS 998 EL ▲
Fabric
Size: 1.220 x 2.440mm

MIX COLLECTION



MS 861 EL

Size: 1.220mm x 2.440mm



MS 874 EL

Size: 1.220mm x 2.440mm



MS 870 SL

Size: 1.220mm x 2.440mm



MS 866 EV

Size: 1.220mm x 2.440mm



MS 869 SL

Size: 1.220mm x 2.440mm



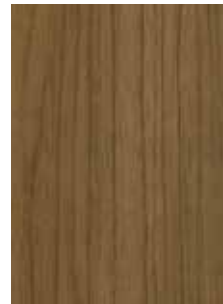
MS 864 EV

Size: 1.220mm x 2.440mm



MS 868 SL

Size: 1.220mm x 2.440mm



MS 873 EV

Size: 1.220mm x 2.440mm



MS 862 SL

Size: 1.220mm x 2.440mm



MS 871 EV

Size: 1.220mm x 2.440mm



MS 9213 T

Size: 1.220mm x 2.440mm



MS 9216 T

Size: 1.220mm x 2.440mm



MS 875 EL

Size: 1.220mm x 2.440mm



MS 865 SL

Size: 1.220mm x 2.440mm



MS 9219 T

Size: 1.220mm x 2.440mm



MS 821 SL

Size: 1.830mm x 2.440mm



MS 872 EL

Size: 1.220mm x 2.440mm



MS 912 EL

Size: 1.220mm x 2.440mm



MS 867 EL

Size: 1.220mm x 2.440mm



MS 863 EL

Size: 1.220mm x 2.440mm



MS 910 EL

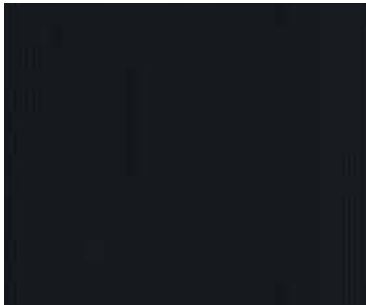
Size: 1.220mm x 2.440mm



MS 625 T

Size: 1.220mm x 2.440mm

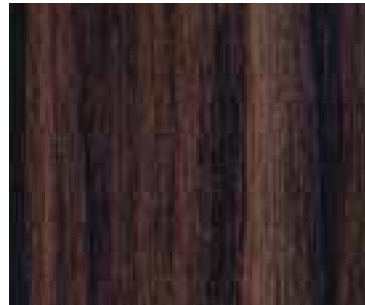
MIX COLLECTION



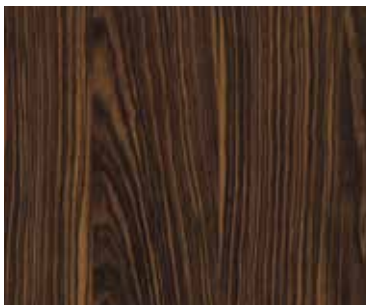
MS 01012 T
Laricio Pine
Size: 1.220 x 2.440mm



▲ MS 309 T
Mahogany
Size: 1.220 x 2.440mm



* ▲ MS 740 WN
Viet Ebony
Size: 1.220 x 2.440mm * ▲



MS 739 RM
Guayana Rose
Size: 1.830 x 2.440mm



▲ MS 23024 T
Manipur Satinwood
Size: 1.220 x 2.440mm



▲ MS 330 PL
Ambassador
Size: 1.220 x 2.440mm ▲



MS 644 RM
Agorá
Size: 1.830 x 2.440mm



▲ MS 699 EV
Iroka Kambala Allover
Size: 1.220 x 2.440mm



▲ MS 623 EV
Rovere Ledro
Size: 1.220 x 2.440mm ▲



MIX COLLECTION



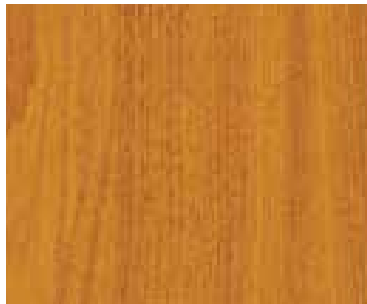
MS 308 WG
Natural Mahogany
Size: 1.220 x 2.440mm



MS 323 T
Wildbrine
Size: 1.220 x 2.440mm
1.830 x 2.440mm



MS 730 SH
Indo Camphor
Size: 1.220 x 2.440mm



MS 790 SH
Red Wood
Size: 1.220 x 2.440mm



MS 379 ML
Tiwood
Size: 1.220 x 2.440mm



MS 628 RM
Olmo Amico
Size: 1.220 x 2.440mm



MS 24009 T
Kandy Jacaranda
Size: 1.220 x 2.440mm



MS 24006 NV
Satana
Size: 1.220 x 2.440mm



MS 651 WN
Natural Ash
Size: 1.220 x 2.440mm

No Fingerprint



MS 024 MM

Size: 1.220 x 2.440mm



MS 025 MM

Size: 1.220 x 2.440mm



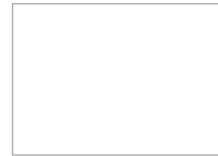
MS 101 MM

Platinum White
Size: 1.220 x 2.440mm



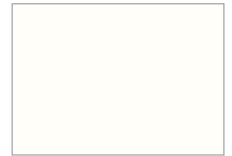
MS 103 MM

Truly White
Size: 1.220 x 2.440mm



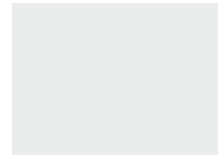
MS 104 MM

Smooth White
Size: 1.220 x 2.440mm



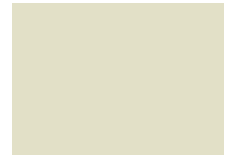
MS 106 MM

White
Size: 1.220 x 2.440mm



MS 202 MM

Folkstone
Size: 1.220 x 2.440mm
1.830 x 2.440mm



MS 220 MM

Beige
Size: 1.220 x 2.440mm



MS 203 MM

Sarsen
Size: 1.830 x 2.440mm



MS 200 MM

Gothic Grey
Size: 1.220 x 2.440mm



MS 201 MM

Graphite
Size: 1.220 x 2.440mm



MS 230 MM

Super Black
Size: 1.220 x 2.440mm

Solid color



MS 103 T
Truly White
Size: 1.220 x 2.440mm



▲ **MS 101 PL**
Platinum White
Size: 1.220 x 2.440mm



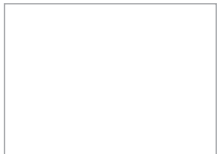
▲ **MS 101 SH**
Smooth White
Size: 1.220 x 2.440mm



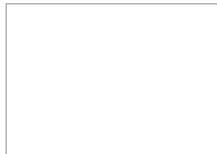
★★ **MS 101 T**
Texture White
Size: 1.220 x 2.440mm
1.830 x 2.440mm



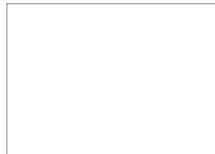
★★ **MS 101 S**
Stipple White
Size: 1.220 x 2.440mm
1.830 x 2.440mm



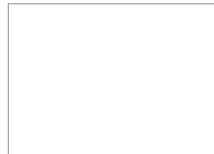
MS 101 HG
Glossy White
Size: 1.220 x 2.440mm



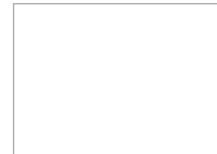
★▲ **MS 101 FL**
Fino White
Size: 1.220 x 2.440mm



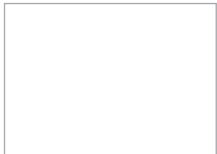
★▲ **MS 104 T**
White
Size: 1.220 x 2.440mm



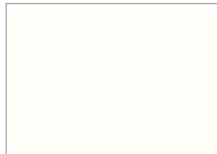
★ **MS 104 SH**
Smooth White
Size: 1.220 x 2.440mm



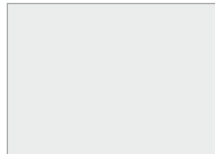
▲ **MS 104 PL**
White
Size: 1.220 x 2.440mm



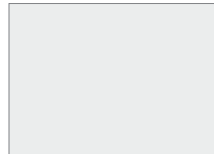
MS 105 G
Pearl White
Size: 1.220 x 2.440mm



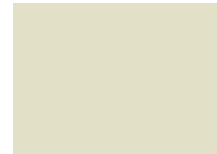
▲ **MS 106 SH**
White
Size: 1.220 x 2.440mm



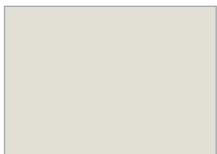
▲ **MS 202 S**
Folkstone
Size: 1.220 x 2.440mm
1.830 x 2.440mm



★★ **MS 206 SH**
Size: 1.220 x 2.440mm



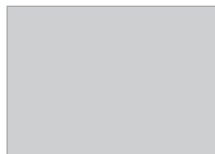
★★ **MS 220 T**
Beige
Size: 1.220 x 2.440mm



MS 9205 S
Ivory
Size: 1.830 x 2.440mm



★▲ **MS 205 SH**
Size: 1.220 x 2.440mm



▲ **MS 203 T**
Sarsen
Size: 1.830 x 2.440mm



▲ **MS 200 T**
Gothic Grey
Size: 1.220 x 2.440mm



▲ **MS 200 NV**
Gothic Grey
Size: 1.220 x 2.440mm



MS 201 S
Graphite
Size: 1.220 x 2.440mm



▲ **MS 204 SH**
Size: 1.220 x 2.440mm



★★ **MS 230 S**
Super Black
Size: 1.220 x 2.440mm

Solid color



MS 041 T
Orange
Size: 1.220 x 2.440mm



MS 043 T
Sienna
Size: 1.220 x 2.440mm



MS 027 T
Red
Size: 1.220 x 2.440mm



MS 032 T
Yellow
Size: 1.220 x 2.440mm



* **MS 030 SH**
Matt Yellow
Size: 1.220 x 2.440mm



MS 021 T
Pink
Size: 1.220 x 2.440mm



MS 073 T
Lime
Size: 1.220 x 2.440mm



MS 077 T
Olive
Size: 1.220 x 2.440mm



MS 075 T
Dark Green
Size: 1.220 x 2.440mm



MS 071 T
Slate
Size: 1.220 x 2.440mm



MS 074 T
Vibrant Green
Size: 1.220 x 2.440mm



MS 076 T
Cyan
Size: 1.220 x 2.440mm



MS 050 T
Sky Blue
Size: 1.220 x 2.440mm



MS 271 S
Indigo
Size: 1.830 x 2.440mm



MS 083 T
Marine Blue
Size: 1.220 x 2.440mm

SURFACE



MS 230 MM
Miracle Matt
Size: 4' x 8'



MS 230 PL
Platinum
Size: 4' x 8'



MS 230 LT
Leather
Size: 4' x 8'



MS 230 ML
Modern Line
Size: 4' x 8'



MS 230 RM
Rovere Matt
Size: 4' x 8', 6' x 8'



MS 230 EL
Emboss Line
Size: 4' x 8'



MS 230 SL
Shining Line
Size: 4' x 8'



MS 230 S
Stipple
Size: 4' x 8', 6' x 8'



MS 230 EV
Emboss Veneer
Size: 4' x 8'



MS 230 SH
Smooth
Size: 4' x 8'



MS 230 G
Gloss
Size: 4' x 8'



MS 230 WN
Wood Natural
Size: 4' x 8', 6' x 8'



MS 230EW
Embossed Wood
Size: 4' x 8'



MS 230 WG
Woodgrain
Size: 4' x 8'



MS 230 FL
Fino Line
Size: 4' x 8'



MS 230NV
Natural Veneer
Size: 4' x 8'



MS 230T
Texture
Size: 4' x 8', 6' x 8'

CERTIFICATION



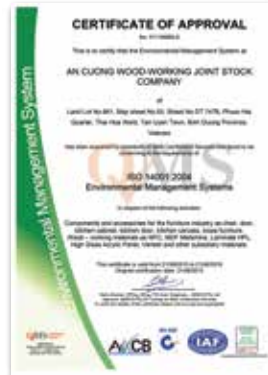
Green Label Singapore



SA 8000:2008



Certificate of Quality (CQ)



ISO 14001:2004



ISO 9001:2008



LOW FORMALDEHYDE EMISSION

C.A.R.B.



JAPANESE INDUSTRIAL STANDARD



FRM 394/490/5/4 Kit.21(69)



MAKAMAL UJIAN KOMPOSIT KAYU (WCTL)
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 http://www.frim.gov.my



Our reference: FRIM 394/490/5/4 Kit. 21 (59)

Date: July 2, 2014

TEST REPORT

Job No. 17 / 14 (2nd issue) Page 1 of 3
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CUSTOMER

Name and Address ANCUONG WOOD-WORKING JOINT STOCK COMPANY
 LAND LOT NO. 651, MAP STREET NO. 05
 STREET NO. DT 747B, PHUOC HAI QUARTER
 THAI HOA WARD, TAN UYEN TOWN
 BINH DUONG PROVINCE, VIETNAM
 (attention: Mr. Le Duc Nghia)

SAMPLE DESCRIPTION

Material Identity: Wood Composite – Particleboard 18mm
 No. of boards: 6 pieces
 Dimensions: 350 mm x 350 mm

Note: The remaining of samples will be disposed after testing has been carried out.

TEST PERFORMED

- Type of test and standard test method used.
- a. Bonding test / BS EN310:1993
 - b. Internal bond / BS EN319:1993*
 - c. Thickness swelling / BS EN317:1993*
 - d. Screw withdrawal / BS EN320:2011*
 - e. Density / BS EN323:1993*
 - f. Moisture content / BS EN322:1993
 - g. Formaldehyde content / BS EN120:1992
 - h. Moisture resistance under cyclic test conditions / BS EN321:2002*

Note: *..... Not SMM Accredited

This test report is reissued from test report FRIM 394/490/5/4 Kit. 20 (45) dated March 31, 2014

Prepared by

 Rozaida Laila
 Assistant Research Officer

Approved by

 Dr. Sufian Misran
 Research Officer

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TEST RESULTS

Table 1: Physical and mechanical properties of 18 mm Particleboard

Type of test	Unit	Mean of 10 specimens	Standard Deviation
Bonding			
a. Modulus of rupture (MOR)	MPa	19.3	1.22
b. Modulus of elasticity (MOE)	MPa	2002	105.3
Internal bond	MPa	1.37	0.19
Thickness swelling	%	2.4	1.6
Screw withdrawal			
a. Pullout force	N	1214	16.7
b. Embedment	N	354	105.3
Density	kg/m ³	745	7.93
Moisture content	%	3.8	0.19
Internal bond after cyclic test	MPa	1.38	0.36
Swelling in thickness after cyclic test	%	16.3	3.9

Note: *..... Not SMM Accredited

Prepared by

 Rozaida Laila
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Table 2: Formaldehyde test result (perforation method)

Sample code	18 mm GP
Moisture content at test (%)	5.4
Particulate matter at test (mg / 100g dry weight basis)	
a. Value of the extraction	7.7
b. Value of formalin extraction	7.6
c. Average value	7.7

Note: *..... Not SMM Accredited

Prepared by

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SPECIFICATION

Table of contents:

Standard Specification
 Super E0 (F☆☆☆☆) and E0 (F☆☆☆) Particleboard Properties (JIS) Type 13
 E1 and E2 Particleboard Properties
 CARB P1
 MUF Particleboard Properties

STANDARD SPECIFICATION

Board Dimensions	1.830mm x 2.440mm (Tolerance +/-3mm) 1.220mm x 2.440mm (Tolerance +/-3mm) 1.220mm x 1.830mm (Tolerance +/-3mm) <i>Special size available upon request</i>
Thickness	9mm, 12mm, 15mm, 16mm, 18mm, 25mm, 30mm, 36mm & 40mm (Tolerance +/-0,3mm) <i>Optional thickness upon request</i>
Grading Allowance	3% admissible

SUPER E0 (F☆☆☆☆) AND E0 (F☆☆☆) PARTICLEBOARD PROPERTIES (JIS A 5908:2003 - Type 13)

THICKNESS	
Bending Strength (N/mm ²)	13,0
Internal Bond (N/mm ²)	0,20
Thickness Swelling (%)	n.a
Face Screw Withdrawal (N)	400
Formaldehyde Emission SUPER E0	- Mean 0,3mg/L or under Max. 0,4mg/L or under
- E0	Mean 0,5mg/L or under Max. 0,7mg/L or under

E1 & E2 PARTICLEBOARD PROPERTIES - (BS EN 312:2010)

THICKNESS	over 8-13mm	over 13-20mm	over 20-25mm	over 25-32mm	over 32-40mm
Bending Strength (N/mm ²) - Min	13,0	13,0	11,5	10,0	8,5
Internal Bond (N/mm ²) - Min	0,40	0,35	0,30	0,25	0,20
Swelling 2 Hour Immersion (%) - Max	8%	8%	8%	8%	8%
Edges Screw Withdrawal (N) - Min	-	-	-	-	-
Formaldehyde Emission E1	- x < 8mg HCHO/ 100g oven-driven board (EN 120:1992 Standard)				
E2	- > 8mg/100g oven-driven board ≤ 30mg/100g oven dry board (EN 120:1992 Standard)				

CARB PROPERTIES - (BS EN 312:2010)

THICKNESS	over 8-13mm	over 13-20mm	over 20-25mm	over 25-32mm	over 32-40mm
Bending Strength (N/mm ²) - Min	13,0	13,0	11,5	10,0	8,5
Internal Bond (N/mm ²) - Min	0,40	0,35	0,30	0,25	0,20
Swelling 2 Hour Immersion (%) - Max	8%	8%	8%	8%	8%
Edges Screw Withdrawal (N) - Min	-	-	-	-	-
Formaldehyde Emission CARB P1	0,18 ppm (max) CARB requirement				
CARB P2	0,09 ppm (max) CARB requirement				

PB Type MUF Resin (V313) - MOISTURE RESISTANCE

1. Physical Properties

Item	Unit	Method	THICKNESS (mm)				
			9-12	15-19	20-25	26-34	≥ 35
Thickness tolerance	MM	EN 324-1	± 0,3				
Length and width size tolerance	MM	EN 324-1	± 0,5				
Diagonal difference	mm per m	EN 324-2	2				
Density	Kg/m ³	EN 323	700-780	680-725	650-700		
Modulus of Rupture (MOR)	N/m ³	EN 310	≥ 17	≥ 14		≥ 12	≥ 11
Modulus of Elasticity (MOE)	N/m ³	EN 310	≥ 2000	≥ 1600		≥ 1400	≥ 1200
Internal Bond (IB)	N/m ³	EN 319	≥ 0,6	≥ 0,5		≥ 0,35	≥ 0,3
Moisture contents	%	EN 322	5-13				
SWELLING IN THICKNESS (24 HOURS)	%	EN 317	≤ 11	≤ 10		≤ 9	
Cyclic Test (V-313)	IB	N/m ³	EN 321	≥ 0,22		≥ 0,20	≥ 0,15
	Swelling	%	EN 321	≤ 11	≤ 10		≤ 9

2. Chemical Properties

		JIS A 5908:2003	EN 120:1992: Perforator Method
Formaldehyde Emission	- E1	1,5 mg/L	< 8 mg/100g ODB
	- E2	5,0 mg/L	> 8-30 mg/100g ODB

PROJECTS



- ICON 56
- GALAXY 9
- SUNRISE CITY
- LEXINGTON
- THE PRINCE
- LUCKY DRAGON



- VISTA VERDE
- THE KRISTA
- C3 PARCSRING



- CENTRAL PARK
- PARK HILL
- VINMEC TÂN CẢNG
- VINMEC HẠ LONG
- VINMEC NHÀ TRẠNG



- CELADON CITY



- ESTELLA HEIGHTS
- PALM CITY
- SAIGON CENTER



- MASTERI THAO DIEN





- HA DO PARK
- IBIS HOTEL



- RIVERA PARK



- EHOME 3
- EHOME 6



- MIPEC



- HABITAT



- HOMYLAND



PROJECTS



- ECOPARK



- KHÁCH SẠN
TERRACOTTA ĐÀ LẠT



- ASTORIA



- SAI GON AIRPORT PLAZA



- THĂNG LONG NUMBER ONE



- ORIENT





- BOTANICA
- GARDEN GATE
- RIVER GATE
- THE TRESOR



- OCEAN SUITE
- SEASON AVENUE
- KRISVUE



- KHÁCH SẠN LAVENDER



- KHÁCH SẠN KURETAKE INN



- THE ARTEMIS



- KHÁCH SẠN VISTA



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* Available HPL ex stock

★ Available PU Paper ex stock

▲ With PVC edge







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