



The Solution For Export Pallet



**ISPM15 Compliance,
REACH & ROHS CERTIFIED Pallets**
Low Cost Moulded Pallet





Mapac™ Technology is the first manufacturer of this new-age and eco friendly Pallet in India. The Pallets we manufacture are known as Compressed Wood Pallets. Our organization is adapting to providing new age and Eco-friendly solution to growing environmental challenges. With a vision to achieving the aim to give back to Mother Nature we are following the principal of **"Thinking Eco-Friendly Future"**, Keeping this in mind we have adopted a unique technology to manufacture environmental friendly or Eco-friendly bio-degradable Compressed Wood Pallet from the wood waste for the wide variety of applications to the various industries.

With a factory area spreading over 25000 Sq.Mtrs. and equipped with latest production technology operated and managed by skilled staff, **Mapac™** Technology only uses the raw material from the renewable source to manufacture our bio-degradable compressed wood pallet. Compressed Wood Pallet is environment friendly. So at the end its life cycle the manufactured product will become the part of the mother earth or nature through its natural ecological process of decomposing itself to its place of origin i.e. mother nature.

"Thus making our organizations journey towards achieving our principal a practically achievable reality. Not only we but every individual or the organization attached to us, directly or indirectly is playing a valuable role in our mission of achieving our principal."

OUR JOURNEY :

The timber industry has by far multiplied many a folds worldwide. With experience of over 30 years in the Timber industry the promoters of the organization have come a long way. Just started as a small band saw unit under the banner of **"Mankuva Timber Industries"**, **the organization now has in-house facility for the timber seasoning, chemical treatment, Heat treatment, wood preservation unit with a well equipped laboratory.**

Over the years the organization has added various business activities like Importing timber by setting up overseas office and sourcing operations from world over and also **manufacturing facility for various timber & construction related products like door frames, window frames, doors, shutters, pallets, customized sawn sizes. The latest being Compressed Wood Pallets and WPC products under the banner Mapac™Technology.**

The highlight or the biggest achievement of our journey has been our precious clients varying from Government organization, Corporate organizations, Housing industry, NGO's to all the sectors of the industry and person. We thank them for all their feedback and support to us. This would not have been possible without anyone of our clientele.



Why MapacTM Compressed Wood Pallets ?

Compliance to ISPM 15 Regulated Wood Packing Material (WPM)

- Clause 2.1 Exemption-Does not require to be heat-treated or fumigated

MapacTM pallets are moulded from dried wood fibre using very high pressure & temperature. This manufacturing process classifies them as 'particle board', which can also be described as 'processed wood'. ISPM15 regulations only control "non-manufactured wood" or "non-processed wood" and concern raw timber. As every MapacTM pallet is manufactured by this process it means you pay nothing extra for this specially prepared (or treated) pallets. It also means that any MapacTM Pallet can go anywhere in the world, so no extra stock is needed. Although certification of this product is not entirely necessary, we offer voluntary certification to ensure trouble free exports. Mapac pallets are free of TBP, TCP and TCA Chemicals that are a concern to food, Produce and Pharmaceutical manufacturers.



**EASY CUSTOM CLEARANCE SPACE SAVING I.E.
- NESTABLE, STACKABLE & RACKABLE**



ECONOMICAL TRANSPORTATION COST & STORAGE COST



RESISTANT TO MOISTURE TERMITES ATTACK & FUNGI



**EXEMPT FROM EU AND IPPC REGULATIONS.
NO DOCUMENTATION OR CERTIFICATIONS REQUIRED.**



**LIGHTWEIGHT AND DURABLE, IT ASSURES EASE AND
EFFICIENCY IN TRANSPORTING YOUR PRODUCTS.**



**STRONG ENOUGH FOR REPEATED USE WHILE BEING
ECONOMICAL FOR ONE-WAY APPLICATIONS.**



**CONSISTENT TARE WEIGHT. ONE-PIECE CONSTRUCTION,
NO NAILS OR FASTENERS.**



**ENVIRONMENTALLY FRIENDLY AND
RESPONSIBLE, THEY ARE 100% RECYCLABLE !**



**WILL NOT HARBOR PEST INFESTATION.
MOLD OR MILDEW.**



**EASILY ACCESSIBLE 4-WAY ENTRY BY
FORKLIFT OR PALLET JACK.**



MP 1 : 1200 x 800

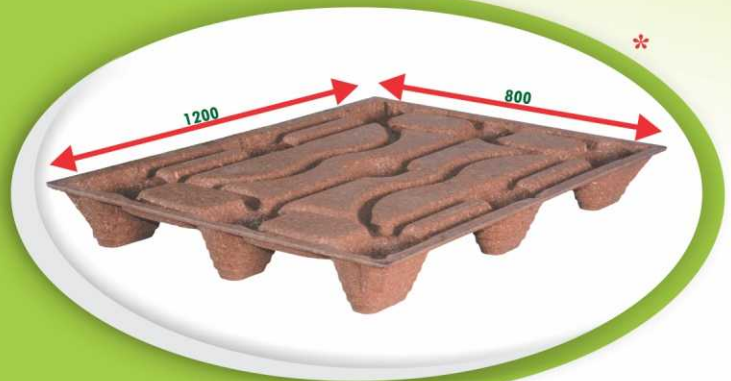
SPECIFICATION

STACKING : 2000 Kg LOAD

LIFTING : 1000 Kg LOAD

WEIGHT : 15 ± 1 (Uniform Weight in Kgs.)

RACKING : APPLICABLE WITH BASE



MP 2 : 1200 x 1000

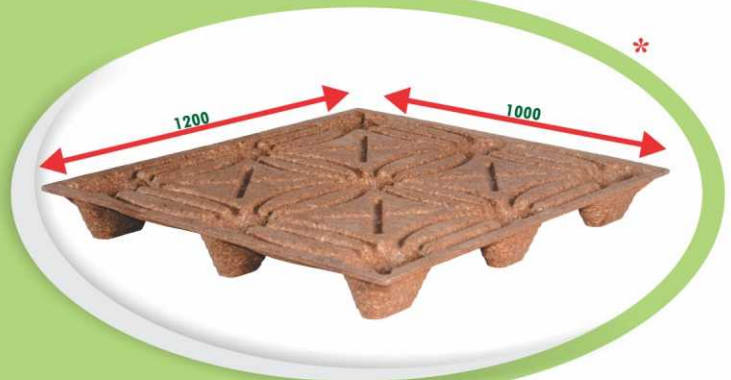
SPECIFICATION

STACKING : 3000 Kg LOAD

LIFTING : 1500 Kg LOAD

WEIGHT : 19 ± 1 (Uniform Weight in Kgs.)

RACKING : APPLICABLE WITH BASE



MP 3 : 1100 x 1100

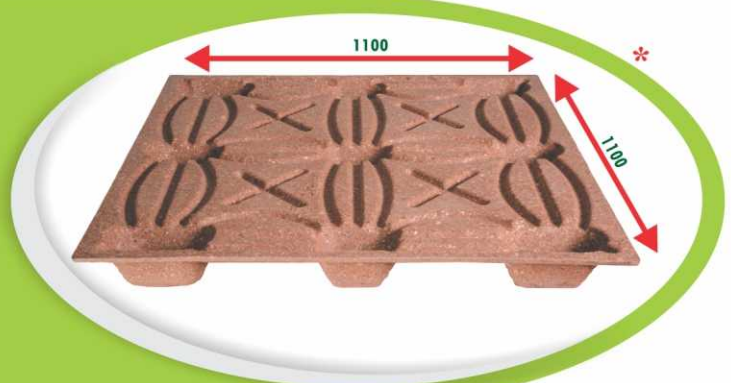
SPECIFICATION

STACKING : 3000 Kg LOAD

LIFTING : 1500 Kg LOAD

WEIGHT : 19 ± 1 (Uniform Weight in Kgs.)

RACKING : APPLICABLE WITH BASE



MP 4 : 1130 x 1130

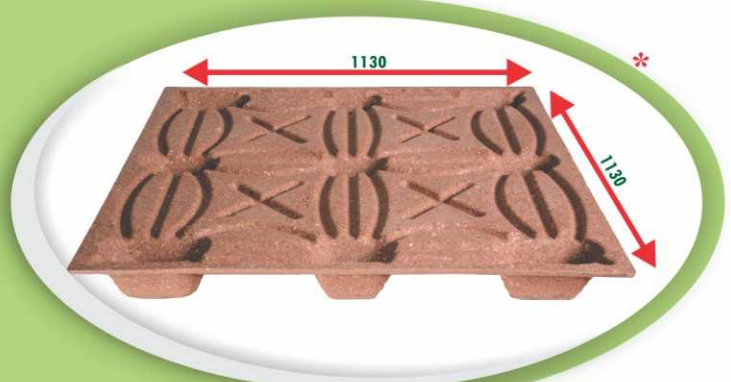
SPECIFICATION

STACKING : 3000 Kg LOAD

LIFTING : 1500 Kg LOAD

WEIGHT : 19 ± 1 (Uniform Weight in Kgs.)

RACKING : APPLICABLE WITH BASE



Compressed wood Blocks are available in following sizes



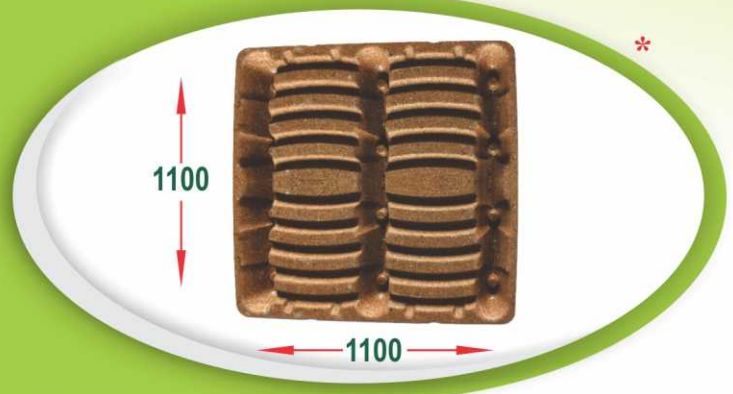
* Note : All products design, logos and company names are trademarks or registered trademarks of their respective owners. Specifications subject to change without notice.

MP 5 : 1100 X 1100

(2 Way Rackable)

SPECIFICATION

22 KGS
WEIGHT +/- 1 KG
STACKING : 3000 Kg LOAD
LIFTING : 1500 Kg LOAD (Uniform Weight in Kgs.)



MP 6 : 1200 X 1000

(2 way Rackable)

SPECIFICATION

22 KGS
WEIGHT +/- 1 KG
STACKING : 3000 Kg LOAD
LIFTING : 1500 Kg LOAD (Uniform Weight in Kgs.)

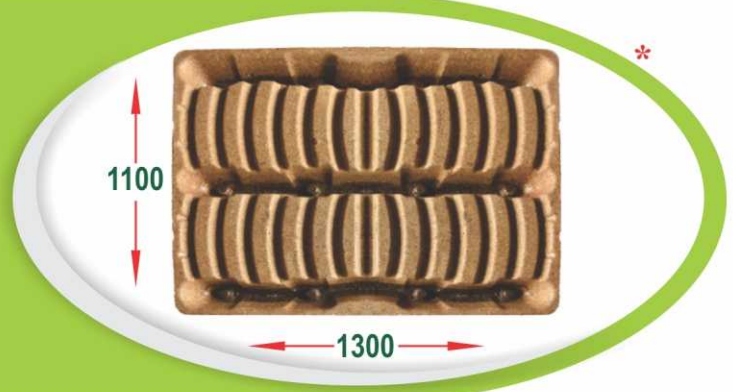


MP 7 : 1300 X 1100

(2 way Rackable)

SPECIFICATION

25 KGS
WEIGHT +/- 1 KG
STACKING : 3000 Kg LOAD
LIFTING : 1500 Kg LOAD (Uniform Weight in Kgs.)



MP 8 : 1100 X 1100 (DD)

(Base Only -for Double Deck Pallet) Detachable

SPECIFICATION

13 KGS
WEIGHT +/- 1 KG
(Uniform Weight in Kgs.)

RACKING : APPLICABLE WITH BASE



MP 9 : 1400 X 1140

(Customizable Compressed Wood Board)

SPECIFICATION

18 mm
20 KGS
WEIGHT +/- 1 KG
THICKNESS CAN BE (Uniform Weight in Kgs.)
CUSTOMIZES AS PER REQUIREMENT





Hello Sir/Madam, Our country India is a member country following the ISPM15 Regu... [Incident: 150815-000267]
1 message

CBP INFO Center<customs@customs-mail.custhelp.com> <customs@customs-mail.custhelp.com> 18 August 2015 at 23:08
Reply-To: "CBP INFO Center<customs@customs-mail.custhelp.com>" <customs@customs-mail.custhelp.com>
To: mapac.technology@gmail.com

Recently you requested personal assistance from our on-line support center. Below is a summary of your request and our response. If this issue is not resolved to your satisfaction, you may reopen it within the next 7 days. Thank you for allowing us to be of service to you.

Subject : Hello Sir/Madam, Our country India is a member country following the ISPM15 Regu...

Discussion Thread

Response Via Email (CBP Officer Hanzlik) 08/18/2015 01:38 PM

Dear Manish,

The Compressed Wood Pallets do not need to be treated, and the link below explains the rules.

Mark

Answer Title: Requirements for Wood Packaging Material (WPM) imports

Answer Link: https://help.cbp.gov/app/answers/detail/a_id/931

Thank you for contacting the U.S. Customs and Border Protection (CBP) INFO Center.

Friday from 9:00 AM-4:00 PM Eastern Time.

Please note that in our online tracking software, a "Solved" status simply means that we have provided you with the best information we have to your question. There may still be steps you need to complete before your situation is resolved to your satisfaction. Those steps are explained in our response. If you need further clarification on those steps, please feel free to contact us back. This email is intended for Informational Purposes Only. final determination of admission is solely at the discretion of the CBP Officer based upon the inspection at the time of entry. Thank you again for contacting the CBP INFO Center.

Sincerely,

CBP INFO Center

Customer By Web Form 08/15/2015 05:45 AM

Hello Sir/Madam,

Our country India is a member country following the ISPM15 Regulations for the wooden packaging material for the import and exports. We have a query about the COMPRESSED WOOD PALLET, also popularly known as PRESSWOOD PALLET. As per the ISPM15 Standards 2.1 clause for the Exemption (for wooden packaging material), any wooden packaging material of particles less than 6mm and material is bonded with adhesive and treated with heat and pressure at the same time and is just similar to any other processed wood such as particle board, it is not required to be further heat treated and fumigated. We have attached a copy of the ISPM15 Regulations copy along with this email for your reference. So, we have a query that for these kind of pallets i.e. Compressed Wood Pallets that : Is there any certification or marking required just in case of traditional wooden pallets for the purpose of export to U.S.? We have attached a picture of the Compressed Wood Pallet for your reference along with this email. Please refer the attached file. Please guide us for the same and give us your valuable advice, due to lack of further details at our end. We thank you for your co-operation. Awaiting your valuable feedback. **Thank you.**

Intertek

Valued Quality Delivered

Ntertek India Private Limited
Division : Commodities
"F" Wing Tax Center
28-a, Chandivali Farm Road,
Off. Saki Vihar Road, Andheri (East)
Mumbai - 400 072, India.
Tel : +91 22 42450100 / Fax : +91 22 42450250
operation.mumbai@intertek.com / www.intertek.com

LABORATORY REPORT

Job No.: 01693

Sample Received Date: 21.06.2016

M/S. Mapac Technology.,

Survey No. 595/1, Paddhar, Kandherai Road,
Behind Suzlon, Dist. Bhuj-Kutch, Gujarat - 370105.

For The Attention Of

Sample Received From

Payment Confirmation Received On

Testing Period

Sample Description:

THE SUBMITTED SAMPLE SAID TO BE - Compressed Wood Pallet

CONCLUSION :

Tested Sample

Submitted Sample

Standard

Rohs Directive 2011/65/en,

ROHS Test Report

REPORT NO.: MUM/1856/2016

REPORT DATE: 29.06.2016

Mr. Manish Padmani

M/s. Mapac Technology.,

20.06.2016

21.06.2016 To 29.06.2016

Result
Meet The Rohs Requirement.

Intertek

Valued Quality Delivered

MUM/1856/2016

Sample Receiver Date: 21.06.2016

Report Date: 29.06.2016

Sample Description

The Submitted Sample Said To Be

Compressed Wood Pallet

TESTED SAMPLE STANDARD

Result

Submitted Sample EU REACH Regulation (EC) No 1907 / 2006 Article 33(1) Obligation To Provide Information Safe Use (see REACH Requirement In Report For Details)

Meet Requirement

REACH Test Report

भारतीय पैकेजिंग संस्थान
INDIAN INSTITUTE
OF PACKAGING

An autonomous body under Ministry of Commerce & Industry, Govt. of India
E-2, MIDC AREA, POST BOX NO. 9432, ANDHERI (EAST), MUMBAI - 400 093.
Tel. : 91-22-2821 9803 / 9469 / 6751, 28329623, 2839 1506, 28254631
Fax : 91-22-2832 8178, 2837 5302- URL : <http://www.iip-in.com>
E-mail : labip@iipnn.com, materiallab@iip-in.com, transportlab@iip-in.com

LABORATORY TEST REPORT

Title: Test Report Form/Format No.: 32
Test Report No.: IIPM 142/2015/LAB/M-11 Page: 1 of 2
Date: 18/03/2015

1. Title of the test : Stack Load Test, Compression Strength, Density, Water Absorption & Block Impact Test

2. Sample received from: a) Name & Address: M/s. Mapac Technology, Survey No. 595/1, Village Paddhar, Kandherai Road, Behind Suzlon, Dist. Bhuj-Kutch-Gujarat 370105, India.

b) Contact Person: Mr. Manish Padmani

c) Ref. No. & Date: Nil & dated: 05/02/2015

3. Test Duration: 13/03/2015

4. Date of Start of Test: 17/03/2015

5. Sample Description: Four set of samples said to be eco-friendly compressed wood pallets & marked as below.

6. Sampling Plan: Sampling done by the party

7. Test Unit Results: 27 ± TC & 65 ± 2% RH

Test	Unit	Result Obtained	1200 / 800	Tested as per
1. Stack Load Test (For 24 hrs. with 1000 kg load)	-	No damage was observed	No damage was observed	Party's request
2. Compressions Strength (at max. peak)	kgf (Ave.)	6180.0	9850.0	Party's request
3. Density	g/cc (Ave.)	1.0	1.01	Party's request
4. Water Absorption (for 24 h)	-	32.71	33.10	Party's request
5. Block Impact Test	-	No damage was observed	No damage was observed	Party's request

TESTED BY: ASST. DIR. DIRECTOR
This report is for Private use only. Not to be used for Publicity or Litigation

Testing Laboratories of Mumbai are accredited to NABL, BIL, Directorate General of Shipping and Directorate General of Civil Aviation, Govt. of India for specified tests.
IP CENTERS: CHENNAI Tel: 044-2449 1585 KOLKATA Tel: 033-2387 0753 HYDRABAD Tel: 011-2279 9705 HYDRABAD Tel: 044-2391 4021
BANGALORE Tel: 080-2676 1000 BANGALORE Tel: 080-2676 1000 BANGALORE Tel: 080-2676 1000 BANGALORE Tel: 080-2676 1000

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Fax : 91-22-2832 8178, 2837 5302- URL : <http://www.iip-in.com>
E-mail : labip@iipnn.com, materiallab@iip-in.com, transportlab@iip-in.com

LABORATORY TEST REPORT

Title: Test Report Form/Format No.: 32

Test Report No.: IIP/142/2015/LAB/M-11 Page: 2 of 3

Test	Unit	Result Obtained	1130 / 1130	1100 / 1100	Tested as per
1. Stack Load Test (For 24 hrs. with 1000 kg load)	-	No damage was observed	No damage was observed	No damage was observed	Party's request
2. Compressions Strength (at max. peak)	kgf (Ave.)	7120.0	8890.0	8890.0	Party's request
3. Density	g/cc (Ave.)	1.0	1.01	1.01	Party's request
4. Water Absorption (for 24 h)	-	32.98	33.50	33.50	Party's request
5. Block Impact Test	-	No damage was observed	No damage was observed	No damage was observed	Party's request

8. Test Specification: N.A.

TESTED BY: ASST. DIR. DIRECTOR
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Testing Laboratories of Mumbai are accredited to NABL, BIL, Directorate General of Shipping and Directorate General of Civil Aviation, Govt. of India for specified tests.
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BANGALORE Tel: 080-2676 1000 BANGALORE Tel: 080-2676 1000 BANGALORE Tel: 080-2676 1000 BANGALORE Tel: 080-2676 1000

Mapac
technology

"Thinking Eco-Friendly Future"

Address: Vill. Paddhar, Kandherai Rd, Dist. Bhuj-Kutch, Gujarat, India
Cont. +91 (2832) 275320 / 275361, Email: info@mapac.in, Web: www.mapac.in

Date:

MANUFACTURER'S CERTIFICATE

We confirm that the molded MAPAC™ Compressed Wood Pallets destined to be exported by our client/distributed via our resellers namely



are manufactured, in the same way as particle board. After drying the wood at 180 °C to a moisture content of less than 7%, it is moulded in addition with the synthetic binder under high pressure and heat processed at 185 °C to 200 °C. This moulding process cannot be survived by any living plant pests thereafter.

Therefore these pallets are not considered as solid wood. There are no risk material according to IPPC-SPM15, (International Plant Protection Convention — International Standards for Phytosanitary Measures). Wood based pallets can be used as packing or as pallets without any additional fumigation or heat treatment. Also the same has been described under the clause 2.1 of the ISPM15 Wood Packaging Material Regulations.

We confirm that MAPAC™ Compressed wood pallets and manufacturing processes are fully in compliance with the Regulatory Requirements — ISPM15 guidelines.

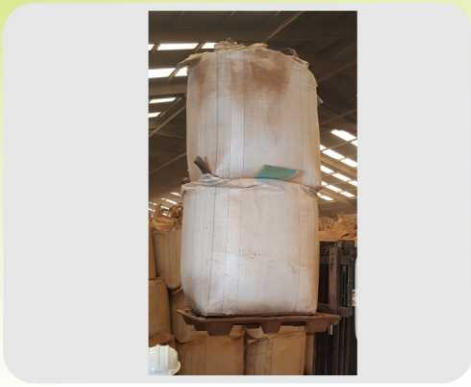
Signed by: _____

Mapac™ Technology



An ISO14001:2004 Company

WITH THE VARIED REQUIREMENTS OF OUR PRECIOUS CLIENTS AND TO MEET THE SAME WE ARE IN THE PROCESS OF DEVELOPING THE COMPRESSED WOOD PALLET IN VARIED SIZES IN THE NEAR FUTURE.



The Solution For Export Pallet



Corporate Office :

B-1206, Westgate, Near YMCA,
S.G. Highway, Ahmedabad,
Gujarat - 380051, INDIA.

Contact : +91 98253 27909
+91 9978848811

Email: info@mapac.in / mapac.tech@gmail.com
Website : www.mapac.in / www.mapacpallet.com

Mumbai (Branch Office) :

Contact : +91 99303 49540
+91 93210 43244

Email : atlantaglobal.wpc@gmail.com
Website : www.mapacatlanta.com

Registered Office:

Bhuj-Kachchh, Gujarat, 370105, INDIA.
Contact : +91 2832 275361



OUR CHANNEL PARTNER

