

Larger than Life



www.advanceplywood.com

Strength me
fark padta hai
jab furniture
Advance Plywood
se banta hai



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AMBA PANEL INDIA PVT. LTD. (API)

TOLLFREE NO. : 1800 203 3359 ♦ Customerhelpdesk@advanceplywood.com

www.advanceplywood.com

P R O D U C T S C A T A L O G U E

Our vision

to be the most trusted
plywood brand of India

At AdvancePLY, our vision is clear—to establish ourselves as the most trusted and premium lifestyle brand in India, setting the benchmark for quality and customer satisfaction. We at AdvancePLY work tirelessly, round the clock, upholding our core values of integrity and honesty, striving to be the best in all that we do. That's why AdvancePLY tagline says 'Quality with Honesty'.

Driven by a passion for innovation and a dedication to our customers, we continuously enhance our product portfolio through research, feedback, and automation. Our philosophy is simple—to offer unparalleled value for money, ensuring that every interaction with AdvancePLY is a testament to our commitment to excellence.

Join us on this journey as we redefine the standards of the industry, delivering bespoke solutions and unparalleled service. At AdvancePLY, we believe that every individual associated with us will experience the difference in our products and services, setting a new standard for quality and trust in the market."

Know about us

"Welcome to AdvancePLY, a legacy in the plywood and laminate industry that began its journey in 1991 as Amba Industries Private Limited, founded by the visionary Salhotra brothers - Mr. Rakesh, Mr. Praveen, and Mr. Subhash. What started as a manufacturing unit for plywood, doors, block boards, and shuttering plywood under the brand name Advance in Ghaziabad, has evolved into Amba Panel India Private Limited, a name synonymous with quality and innovation.

With a rich history spanning over three decades, AdvancePLY has embraced change and modernization. We have spearheaded our transformation by integrating state-of-the-art machinery, cutting-edge technology, and innovative processes at our expansive manufacturing facility in Hapur, just a short drive from New Delhi.

Our commitment to excellence is evident in our latest offering - calibrated plywoods featuring **HEXAPRO TECHNOLOGY**, designed to exceed customer expectations with uncompromising quality and transparency. AdvancePLY products have become the preferred choice for homeowners, architects, contractors, carpenters, and OEMs alike.



www.advanceplywood.com

Certificates and Accreditations

ADVANCEPLY is enabled with all the required, relevant, and latest certifications which support it to operate, thrive and remain strong in the plywood solutions industry.



Accredited by Indian Green Building Council (IGBC), a non-profit, CII body which promotes, rates and certifies organisations for their green processes and endeavours.



Certified by Forest Stewardship Council (FSC), an international non-profit multi-stakeholder body which promotes responsible management of the world's forests.



CARB CERTIFIED
PLYWOOD (CALIFORNIA
AIR RESOURCES BOARD)



Products Range



www.advanceplywood.com

Features

Manufacture With Hexapro Technology

ADVANCE PLY WHY?
STRENGTH, PERFECTION & PROTECTION

POWER PACKED WITH HEXAPRO TECHNOLOGY.
WHY HEXAPRO TECHNOLOGY IS NECESSARY IN PLYWOOD MANUFACTURING?

- HEXAPRO technology provides strength, perfection and protection to plywood.
- In HEXAPRO technology ADVANCE PLY is four times pressed, to provide strength and perfection. And two times treated to provide protection against termite and borer.
- During HEXAPRO technology ADVANCE PLY is made with mechanically composed core and composed panel and is 100% calibrated with a thickness tolerance of $\pm 0.2\text{mm}$, for perfect finish of plywood.

 **ADVANCE[®] PLY**
QUALITY WITH HONESTY
www.advanceplywood.com

MADE WITH E0 GRADE RESIN, SUPER HIGH DENSITY,
BOILING WATER PROOF, MARINE GRADE, FIRE RETARDANT,
IS: 5509, IS: 710, 100% HARDWOOD CONSTRUCTION



In HEXAPRO technology ADVANCE PLY is four times pressed, to provide strength and perfection. And two times treated to provide protection against termite and borer.



First time in India NANO ALUMINA Fire retardant GLUE is used to manufacture ADVANCE plywood.



High Viscous resin Technology ensures the deep penetration of resin inside the core for strong bonding



Manufactured with MATT ply and four times pressed for long life and perfection.



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TECHNICAL SPECIFICATION



Fungus Borer Termite Treated product.



Nano Flame Guard Coating for extra protection against fire.



Empowered with Indoor air Toxicity Compliant to make it environment & health friendly



Made with E0 resin that results in zero formaldehyde emission



Perfect for architectural project.

Features	Advantages	Benefits
E0 MPF BWP Grade Resin	Highest grade waterproof resin	No emission of gases. No delamination in Boiling Water.
Boiling water proof for >250 Hrs	Long lasting bond even under high moisture or humidity	Very high water-proofing and longevity of products.
All Glue Line Treated with Anti Borer, Termite & Fungi Chemicals	Stops insects and fungus from attacking the plywood	No powders formation decay or termite Attack on your furniture
Nano Alumina Treatment for Fire Resistance	Introducing India's First Ever Internally Fire-Retardant Plywood- Safety Like Never Before !	Our Plywood Resists and Delays Fire Spread and Penetration for Maximum Safety
Nano Flame Guard Coating of full Plywood	Extra coating of Chamilal name on plywood for retarding spread to fire	Resists catching fire and spreading to fire.
High Density 0.8 GMS/CM3	Stronger than plywood with normal density	can be used more load bearing is required nails & screw holding properties
Extra Layer for Strength (13 Layers)	Increased strength due to extra layer	Can bear extra load and high streess
High Viscosity Resin Technology	Helps even spreading of resin Leading to perfect bond between layers	Uniform Bonding and Strength of plywood

TECHNICAL SPECIFICATION FOR BWP GRADE PLYWOOD

Sr.No	Parameters	Standards
01	Base Material	Hardwood (13 layer construction)
02	Face material	Tropical hardwood Species
03	Glue/Adhesion	Bonded with Phenol formaldehyde resin with provides boiling water proof
04	Calibrated	Yes
05	Compliance standard	Conforms to IS 710 (Indian standard for Marine plywood)
06	Thickness Range	Commonly available in 6 mm to 19 mm
07	Standard Size	Sheet typically comes in such as 8x4, 7x4, 6x4, 8x3, 7x3, 6x3
08	Density	Avg density - 0.78 g/cm ³
09	Moisture resistance	Up to 250 hrs. Boiling water proof
10	Moisture Content	5~15% in oven dry method
11	Formaldehyde emission type	E0 Grade
12	GLP - Glue line protection	Glue line protection to resist termite, Borer & Fungus attack
13	Weather Resistance	Withstand adverse climatic conditions
14	Screw holding capacity	More than 1600 N
15	Fire Resistance	Flame penetration - More than 60 min. Flammability - More than 45 min. Rate of burning - More than 30 min.
16	Modulus of Elasticity-Dry state	
	Along the grain	Avg - 7852 N/mm ² Min - 7745 N/mm ²
	Across the grain	Avg - 4420 N/mm ² Min - 4312 N/mm ²
17	Modulus of rupture-Dry state	
	Along the grain	Avg - 59 N/mm ² Min - 53 N/mm ²
	Across the grain	Avg - 35 N/mm ² Min - 29 N/mm ²
18	Modulus of Elasticity-wet state	
	Along the grain	Avg - 4003 N/mm ² Min - 3841 N/mm ²
	Across the grain	Avg - 2789 N/mm ² Min - 2613 N/mm ²
19	Modulus of rupture-wet state	
	Along the grain	Avg - 35 N/mm ² Min - 30 N/mm ²
	Across the grain	Avg - 26 N/mm ² Min - 23 N/mm ²
20	Tensile strength	
	Along the grain	62 N
	Across the grain	43 N
	Sum of the both grain	105 N
21	Glue shear strength	
	Dry state	Avg - 1563 N/mm ² Min - 1427 N/mm ²
	Wet state	Avg - 1233 N/mm ² Min - 1156 N/mm ²
22	Resistance to microorganism	Avg Strength - More than 1600 N
23	Compressive strength	More than 6000 N



MADE WITH E1 GRADE RESIN, BOILING WATER PROOF,
MARINE GRADE, IS:710, FULLY HARDWOOD CONSTRUCTION



E1
RESIN



In HEXAPRO technology
ADVANCE PLY is four times
pressed, to provide strength and
perfection. And two times treated
to provide protection against
termite and borer.



High Viscous resin
Technology ensures the deep
penetration of resin inside the
core for strong bonding



Manufactured with MATT
ply and four times pressed
for long life and perfection.



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TECHNICAL SPECIFICATION



E1
RESIN

Made with E1 resin
that results in less
formaldehyde emission



Perfect for
architectural project.



Features

E1 MPF MARINE Grade Resin

IS : 710 Grade

Boiling water resistance
for >200hrs

All Glue Line Treated with Anti Borer,
Termite & Fungi Chemicals

High Viscosity Resin Technology

Advantages

Water proof grade bonding

Marine grade plywood

Long lasting bond even under
high moisture or humidity

Stops insects and fungus
from attacking the plywood

Helps even spreading of resin Leading
to perfect bond between layers

Benefits

Low in Emission, strong in Water Proofing

Can be used in Exterior conditions or
severe humid environments

Very high water-proofing and
longevity of products

No powders formation decay or
termite Attack on your furniture

Uniform Bonding and Strength of plywood

TECHNICAL SPECIFICATION FOR MARINE GRADE PLYWOOD

Sl.No	Parameters	Standards
01	Base Material	Hardwood
02	Face material	Tropical hardwood Species
03	Glue/Adhesion	Bonded with Phenol formaldehyde resin with provides boiling water proof
04	Calibrated	Yes
05	Compliance standard	Conforms to IS 710 (Indian standard for Marine plywood)
06	Thickness Range	Commonly available in 6 mm to 19 mm
07	Standard Size	Sheet typically comes in such as 8x4, 7x4, 6x4, 8x3, 7x3, 6x3
08	Density	Avg density - 0.78 g/cm³
09	Moisture resistance	Up to 200 hrs. Boiling water proof
10	Moisture Content	5~15% in oven dry method
11	Formaldehyde emission type	E1 Grade
12	GLP - Glue line protection	Glue line protection to resist termite, Borer & Fungus attack
13	Weather Resistance	Withstand adverse climatic conditions
14	Screw holding capacity	More than 1600 N
15	Fire Resistance	NO
16	Modulus of Elasticity-Dry state	
	Along the grain	Avg - 7721 N/mm² Min - 7560 N/mm²
	Across the grain	Avg - 4265 N/mm² Min - 4144 N/mm²
17	Modulus of rupture-Dry state	
	Along the grain	Avg - 55 N/mm² Min - 50 N/mm²
	Across the grain	Avg - 36 N/mm² Min - 32 N/mm²
18	Modulus of Elasticity-wet state	
	Along the grain	Avg - 3942 N/mm² Min - 3840 N/mm²
	Across the grain	Avg - 2727 N/mm² Min - 2648 N/mm²
19	Modulus of rupture-wet state	
	Along the grain	Avg - 36 N/mm² Min - 29 N/mm²
	Across the grain	Avg - 28 N/mm² Min - 25 N/mm²
20	Tensile strength	
	Along the grain	59 N
	Across the grain	40 N
	Sum of the both grain	99 N
21	Glue shear strength	
	Dry state	Avg - 1472 N/mm² Min - 1378 N/mm²
	Wet state	Avg - 1239 N/mm² Min - 1145 N/mm²
22	Resistance to microorganism	Avg Strength - More than 1600 N
23	Compressive strength	More than 5500 N

MADE WITH E1 GRADE RESIN, BOILING WATER PROOF,
MARINE GRADE, IS:710, FULLY HARDWOOD CONSTRUCTION



E1
RESIN



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ADVANCE PLY is four times
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perfection. And two times treated
to provide protection against
termite and borer.



High Viscous resin
Technology ensures the deep
penetration of resin inside the
core for strong bonding

4 TIMES
PRESSED

Manufactured with MATT
ply and four times pressed
for long life and perfection.



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TECHNICAL SPECIFICATION



Made with E1 resin
that results in less
formaldehyde emission

BOTH SIDE
CALIBRATED

Perfect for
architectural project.

Features	Advantages	Benefits
E1 MPF MARINE Grade Resin	Water proof grade bonding	Low in Emission, strong in Water Proofing
IS : 710 Grade	Marine grade plywood	Can be used in Exterior conditions or severe humid environments
Boiling water resistance for >200hrs	Long lasting bond even under high moisture or humidity	Very high water-proofing and longevity of products
All Glue Line Treated with Anti Borer, Termite & Fungi Chemicals	Stops insects and fungus from attacking the plywood	No powders formation decay or termite Attack on your furniture
High Viscosity Resin Technology	Helps even spreading of resin Leading to perfect bond between layers	Uniform Bonding and Strength of plywood

TECHNICAL SPECIFICATION FOR MARINE GRADE PLYWOOD

Sr.No	Parameters	Standards
01	Base Material	Hardwood
02	Face material	Tropical hardwood Species
03	Glue/Adhesion	Bonded with Phenol formaldehyde resin with provides boiling water proof
04	Calibrated	Yes
05	Compliance standard	Conforms to IS 710 (Indian standard for Marine plywood)
06	Thickness Range	Commonly available in 6 mm to 19 mm
07	Standard Size	Sheet typically comes in such as 8x4, 7x4, 6x4, 8x3, 7x3, 6x3
08	Density	Avg density - 0.78 g/cm³
09	Moisture resistance	Up to 200 hrs. Boiling water proof
10	Moisture Content	5~15% in oven dry method
11	Formaldehyde emission type	E1 Grade
12	GLP - Glue line protection	Glue line protection to resist termite, Borer & Fungus attack
13	Weather Resistance	Withstand adverse climatic conditions
14	Screw holding capacity	More than 1600 N
15	Fire Resistance	NO
16	Modulus of Elasticity-Dry state	
	Along the grain	Avg - 7721 N/mm² Min - 7560 N/mm²
	Across the grain	Avg - 4265 N/mm² Min - 4144 N/mm²
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23	Compressive strength	More than 5500 N

Features	Advantages	Benefits
E1 MPF BWP Grade Resin	Water proof grade bonding	Low in Emission, strong in Water Proofing
IS : 303 Grade	BWP grade plywood	Can be used in Exterior conditions or severe humid environments
Boiling water resistance for >200hrs	Long lasting bond even under high moisture or humidity	Very high water-proofing and longevity of products
All Glue Line Treated with Anti Borer, Termite & Fungi Chemicals	Stops insects and fungus from attacking the plywood	No powders formation decay or termite Attack on your furniture
High Viscosity Resin Technology	Helps even spreading of resin Leading to perfect bond between layers	Uniform Bonding and Strength of plywood

Applications

BOILING WATER PROOF THAT THIS PLYWOOD IS HIGHLY RESISTANT TO WATER. IT IS TYPICALLY MADE PF RESIN, WHICH PROVIDES EXCELLENT WATER PROOFING PROPERTIES. THIS MAKES IT SUITABLE FOR USE IN ENVIRONMENTS WHERE EXPOSURE TO MOISTURE OR HUMIDITY IS A CONCERN.

KITCHEN CABINETS AND SHELVES

IS 710 BWP grade plywood is extensively used in kitchen cabinets, shelves and drawers due to its excellent resistance to moisture and humidity.

BATHROOM FURNITURE

It is suitable for making bathroom vanities, cabinets, and shelves where constant exposure to water and moisture is expected.

OUTDOOR FURNITURE AND STRUCTURES

IS 710 BWP plywood is used for making outdoor furniture, garden furniture and structures like pergolas and sheds where the material the material needs to withstand varying weathers conditions including rain and humidity.

BOATS & MARINE BUILDING

Due to its high resistance to water 710 BWP plywood is also used in the construction of boats and marine application where the plywood needs to endure constant exposure to water without delamination or decay.

FLOORING UNDERLAYMENT

In areas Where moisture resistance is essential for flooring longevity, IS 710 BWP plywood can be used as an underlayment beneath tiles or other flooring materials.

COMMERCIAL AND INDUSTRIAL

Its Strength and durability also make it suitable for industrial application, such as in packaging and other structural use where robust performance is required.

Overall, IS 710 BWP grade plywood finds its primary use in applications where regular plywood would be susceptible to damage from moisture, ensuring longevity and reliability in various indoor and outdoor settings.



In HEXAPRO technology ADVANCE PLY is four times pressed, to provide strength and perfection. And two times treated to provide protection against termite and borer.



High Viscous resin Technology ensures the deep penetration of resin inside the core for strong bonding



Made with E1 resin that results in less formaldehyde emission



Perfect for architectural project.



Manufactured with MATT ply and four times pressed for long life and perfection.



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TECHNICAL SPECIFICATION



Features	Advantages	Benefits
E1 MPF BWP Grade Resin	Gives strong water proof bonding	Can withstand even Boiling Water
IS : 303 Grade	BWP Grade Plywood	Can be used in Exterior conditions or severe humid environments
High Viscosity Resin Technology	Long lasting bond even under high moisture or humidity	Uniform Bonding and Strength of plywood.
All Glue Line Treated with Anti Borer, Termite & Fungi Chemicals	Stops insects and fungus from attacking the plywood	No powders formation decay or termite Attack on your furniture
Boiling water resistance for >200hrs	Helps even spreading of resin Leading to perfect bond between layers	Very high water-proofing and longevity of products.

Applications

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BOILING WATER RESISTANT, BWR GRADE, IS: 303,
BONDED WITH HVRT RESIN, BOTH SIDE CALIBRATED,
ALTERNATIVE CONSTRUCTION



Features	Advantages	Benefits
BWR Grade Resin	Can withstand Boiling Water	Can be used in Semi Exterior Conditions
Extra Water Resistance Up to 72 Hrs @ 100°C	Lasts longer than other true BWR grades	Able to withstand continuous high Humidity & Temperature
High Viscosity Resin Technology	Gives perfect bond between layers	Uniform Bonding and Strength of plywood.
All Glue Line Treated with Anti Borer, Termite & Fungi Chemicals	Stops insects and fungus from attacking the plywood	No powders formation decay or termite Attack on your furniture

Applications

IS 303 BWR (BOILING WATER RESISTANT) GRADE PLYWOOD IS DESIGNED FOR APPLICATIONS WHERE THE PLYWOOD IS LIKELY TO BE EXPOSED TO MOISTURE OR HUMIDITY. HERE ARE SOME COMMON USES AND BENEFITS OF IS 303 BWR GRADE PLYWOOD:

FURNITURE

It is commonly used in making furniture, especially for pieces that may be used in kitchens, bathrooms or other areas where moisture resistance is important.

CABINETS AND WARDROBES

Due to its resistance to moisture, BWR plywood is suitable for making cabinet and wardrobes, particularly in areas prone to high humidity.

DOORS AND WINDOWS SHUTTERS

It can be used for making doors and window shutters, offering durability and resistance to swelling or warping when exposed to moisture.

OUTDOOR USE

BWR plywood is water resistance, it is semi water proof. However, it can withstand occasional exposure to water, making it suitable such as outdoor applications such as garden furniture or exterior cladding in covered areas.

INTERIOR DESIGN

It is used in interior design application where panels or partitions need to withstand varying humidity levels without losing structural integrity.

IS 303 BWR grade plywood is valued for its strength, durability, and ability to withstand moisture, making it a versatile choice for both residential and commercial applications where exposure to water or humidity is a concern.



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High Viscous resin Technology ensures the deep penetration of resin inside the core for strong bonding



Manufactured with MATT ply and four times pressed for long life and perfection.



Perfect for architectural project.



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TECHNICAL SPECIFICATION

MADE WITH HVRT RESIN, 25% MORE
MOISTURE RESISTANCE, MR GRADE, IS:303



Features	Advantages	Benefits
Melamine fortified modified UF Resin MMR-25	Superior moisture resistance	Expected life of plywood is 50% more than ordinary MR PLY.
Extra water resistance 8 cycle @ 65°C	Bonding can withstand high stress due to varying humidity	Able to withstand very high fluctuations in Ambient Conditions e.g. areas with high rainfall & temperature
High Viscosity Resin Technology	Helps even spreading of resin Leading to perfect bond between layers	Uniform Bonding and Strength of plywood
All Glue Line Treated with Anti Borer, Termite & Fungi Chemicals	Uniform Bonding and Strength of plywood	No powders formation decay or termite Attack on your furniture

Applications

IS 303 MR (MOISTURE RESISTANCE) GRADE PLYWOOD IS ANOTHER SPECIFICATION UNDER BUREAU OF INDIAN STANDARDS (BIS) GRADE PLYWOOD IN ITS INTENDED USE AND PROPERTIES. HERE ARE SOME COMMON USE OF IS 303 MR GRADE PLYWOOD.

INTERIOR APPLICATION

IS 303 MR grade plywood is suitable for interior application where the plywood is not exposed to moisture and humidity. It is commonly used in furniture, cabinets, paneling and other application where there may be occasional exposure to moisture but not direct contact with water.

DOORS & DOORS FRAMES

It provides a sturdy base for attaching hinges, locks and handles, while also offering dimensional stability.

FALSE CEILINGS AND FLOORING

It can be used for false ceiling and raised flooring systems in interiors where there is minimal risk of water exposure.

DIY PROJECTS

It can be used for book shelves, work benches and storage units.

PANELING

It is used for interior wall paneling and partitions in homes, offices, and commercial spaces where moisture levels are controlled.

FINISHING

IS 303 MR grade plywood can be easily painted, laminated or veneered to achieve desired finishes and aesthetics interior decor.

In summary, IS 303 MR Grade plywood is ideal for interior application where moderate moisture resistance is required.



In HEXAPRO technology ADVANCE PLY is four times pressed, to provide strength and perfection. And two times treated to provide protection against termite and borer.



High Viscous resin Technology ensures the deep penetration of resin inside the core for strong bonding



Manufactured with MATT ply and four times pressed for long life and perfection.



Perfect for architectural project.



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TECHNICAL SPECIFICATION

MOISTURE RESISTANCE, MR GRADE, IS:303,
BONDED WITH HVRT RESIN, BOTH SIDE CALIBRATED.



Features	Advantages	Benefits
Melamine Fortified Modified UF Resin MMR-10	Gives resistance to moisture	Expected life of plywood is 10% more than ordinary MR ply
Extra Water Resistance 5 Cycles @ 65°C	Longer life than ordinary plywood	Can withstand fluctuations in Ambient RH & Temp
High Viscosity Resin Technology	Long lasting bond even under high moisture or humidity	Uniform Bonding and Strength of plywood.
All Glue Line Treated with Anti Borer, Termite & Fungi Chemicals	Stops insects and fungus from attacking the plywood	No powders formation decay or termite Attack on your furniture



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MADE WITH HVRT RESIN, HARDWOOD CONSTRUCTION,
25% MORE MOISTURE RESISTANCE, MR GRADE, IS:303



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Extra water resistance 8 cycle @ 65°C	Bonding can withstand high stress due to varying humidity	Able to withstand very high fluctuations in Ambient Conditions e.g. areas with high rainfall & temperature
High Viscosity Resin Technology	Helps even spreading of resin Leading to perfect bond between layers	Uniform Bonding and Strength of plywood
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DOORS & DOORS FRAMES

It provides a sturdy base for attaching hinges, locks and handles, while also offering dimensional stability.

FALSE CEILINGS AND FLOORING

It can be used for false ceiling and raised flooring systems in interiors where there is minimal risk of water espouser.

DIY PROJECTS

It can be used for Book shelves, work benches and storage units.

PANELING

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Applications

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In summary, IS 303 MR Grade plywood is ideal for interior application where moderate moisture resistance is required.



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TECHNICAL SPECIFICATION

MOISTURE RESISTANCE, HARDWOOD CONSTRUCTION,
MR GRADE, IS:303, BONDED WITH HVRT RESIN,
BOTH SIDE CALIBRATED.



Features	Advantages	Benefits
Melamine Fortified Modified UF Resin MMR-10	Gives resistance to moisture	Expected life of plywood is 10% more than ordinary MR ply
Extra Water Resistance 5 Cycles @ 65°C	Longer life than ordinary plywood	Can withstand fluctuations in Ambient RH & Temp
High Viscosity Resin Technology	Long lasting bond even under high moisture or humidity	Uniform Bonding and Strength of plywood.
All Glue Line Treated with Anti Borer, Termite & Fungi Chemicals	Stops insects and fungus from attacking the plywood	No powders formation decay or termite Attack on your furniture



In HEXAPRO technology ADVANCE PLY is four times pressed, to provide strength and perfection. And two times treated to provide protection against termite and borer.



High Viscous resin Technology ensures the deep penetration of resin inside the core for strong bonding



Manufactured with MATT ply and four times pressed for long life and perfection.



Perfect for architectural project.

Applications

IS 303 MR (MOISTURE RESISTANCE) GRADE PLYWOOD IS ANOTHER SPECIFICATION UNDER BUREAU OF INDIAN STANDARDS (BIS) GRADE PLYWOOD IN ITS INTENDED USE AND PROPERTIES. HERE ARE SOME COMMON USE OF IS 303 MR GRADE PLYWOOD.

INTERIOR APPLICATION

IS 303 MR grade plywood is suitable for interior application where the plywood is not exposed to moisture and humidity. It is commonly used in furniture, cabinets, paneling and other application where there may be occasional exposure to moisture but not direct contact with water.

DOORS & DOORS FRAMES

It provides a sturdy base for attaching hinges, locks and handles, while also offering dimensional stability.

FALSE CEILINGS AND FLOORING

It can be used for false ceiling and raised flooring systems in interiors where there is minimal risk of water espouser.

DIY PROJECTS

It can be used for Book shelves, work benches and storage units.

PANELING

It is used for interior wall paneling and partitions in homes, offices, and commercial spaces where moisture levels are controlled.

FINISHING

IS 303 MR grade plywood can be easily painted, laminated or veneered to achieve desired finishes and aesthetics interior decor.

In summary, IS 303 MR Grade plywood is ideal for interior application where moderate moisture resistance is required.

100% IMPORTED PINE FRAMES & BATTENS, 100% FIRE RETARDANT, 100% BOILING WATER PROOF



In HEXAPRO technology ADVANCE PLY is four times pressed, to provide strength and perfection. And two times treated to provide protection against termite and borer.



First time in India NANO ALUMINA Fire retardant GLUE is used to manufacture ADVANCE plywood.



High Viscous resin Technology ensures the deep penetration of resin inside the core for strong bonding



Fungus Borer Termite Treated product.



Manufactured with MATT ply and four times pressed for long life and perfection.



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TECHNICAL SPECIFICATION



Nano Flame Guard Coating for extra protection against fire.



Empowered with Indoor air Toxicity Compliant to make it environment & health friendly



Vacuum Pressure Treated Against Fire, Termites & Borer Frames & Battens



Made with E0 resin that results in zero formaldehyde emission



Perfect for architectural project.

ADVANCE IN COMPARISON WITH OTHERS

ADVANCE BLOCK BOARD TUNGSTEN	ADVANCE TUNGSTEN	OTHER BRAND
E0 - BWP Grade Resin (Zero formaldehyde emission)	✓	✗
High Viscosity Resin Technology	✓	✗
All Glue Line Treated With Anti Borer, Termite & Fungi Chemicals	✓	✗
VPT Treated for Fungus, Borer & Termites	✓	✗
Boiling Water Resistance For > 200 Hrs	✓	✗
True FR Grade With VPT Treatment & Nano Coating	✓	✗
IS 1659 Licensed	✓	✓
Uniform and Calibrated Thickness	✓	✗

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TECHNICAL SPECIFICATION

ADVANCE PLY BLOCK BOARD PALLADIUM

100% IMPORTED PINE FRAMES & BATTENS, FUNGUS BORER
TERMITE TREATED , 100% BOILING WATER PROOF

ADVANCE PLY
BLOCK BOARD
PALLADIUM



In HEXAPRO technology
ADVANCE PLY is four times
pressed, to provide strength and
perfection. And two times treated
to provide protection against
termite and borer.

NAFRG

First time in India NANO
ALUMINA Fire retardant GLUE
is used to manufacture
ADVANCE plywood.

HVRT

High Viscous resin
Technology ensures the deep
penetration of resin inside the
core for strong bonding

F8TT

Fungus Borer Termite
Treated product.

**4 TIMES
PRESSED**

Manufactured with MATT
ply and four times pressed
for long life and perfection.

NF6C

Nano Flame Guard
Coating for extra
protection against fire.

**100%
Imported PINE
Frames & Battens**

VPT

Vacuum Pressure Treated
Against Termites & Borer
Frames & Battens

**E1
RESIN**

Made with E1 resin
that results in less
formaldehyde emission

**BOTH SIDE
CALIBRATED**

Perfect for
architectural project.



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TECHNICAL SPECIFICATION

ADVANCE PLY BLOCK BOARD GOLD

100% IMPORTED PINE FRAMES & BATTENS, FUNGUS BORER
TERMITE TREATED , 100% BOILING WATER PROOF

ADVANCE PLY
BLOCK BOARD
GOLD



In HEXAPRO technology
ADVANCE PLY is four times
pressed, to provide strength and
perfection. And two times treated
to provide protection against
termite and borer.

HVRT

High Viscous resin
Technology ensures the deep
penetration of resin inside the
core for strong bonding

F8TT

Fungus Borer Termite
Treated product.

**4 TIMES
PRESSED**

Manufactured with MATT
ply and four times pressed
for long life and perfection.

**100%
Imported PINE
Frames & Battens**

VPT

Vacuum Pressure Treated
Against Termites & Borer
Frames & Battens

**E1
RESIN**

Made with E1 resin
that results in less
formaldehyde emission

**BOTH SIDE
CALIBRATED**

Perfect for
architectural project.



SCAN TO
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TECHNICAL SPECIFICATION

ADVANCE IN COMPARISON WITH OTHERS

ADVANCE BLOCK BOARD PALLADIUM	ADVANCE PALLADIUM	OTHER BRAND
E1 - BWP Grade Resin (Less formaldehyde emission)	✓	✗
High Viscosity Resin Technology	✓	✗
All Glue Line Treated With Anti Borer, Termite & Fungi Chemicals	✓	✗
VPT Treated for Fungus, Borer & Termites	✓	✗
Boiling Water Resistance For > 100 Hrs	✓	✗
IS 1659 Licensed Products	✓	✓
Uniform and Accurate Thickness	✓	✗

ADVANCE IN COMPARISON WITH OTHERS

ADVANCE BLOCK BOARD GOLD	ADVANCE GOLD	OTHER BRAND
E1 - BWP Grade Resin (Less formaldehyde emission)	✓	✗
High Viscosity Resin Technology	✓	✗
All Glue Line Treated With Anti Borer, Termite & Fungi Chemicals	✓	✗
VPT Treated for Fungus, Borer & Termites	✓	✗
Boiling Water Resistance For > 100 Hrs	✓	✗
IS 1659 Licensed Products	✓	✓
Uniform and Accurate Thickness	✓	✗

ADVANCE PLY BLOCK BOARD GOLD MMR-25

100% IMPORTED PINE FRAMES & BATTENS,
25% MORE MOISTURE RESISTANCE

ADVANCE PLY
BLOCK BOARD
GOLD MMR-25



In HEXAPRO technology ADVANCE PLY is four times pressed, to provide strength and perfection. And two times treated to provide protection against termite and borer.



High Viscous resin Technology ensures the deep penetration of resin inside the core for strong bonding

100%
Imported PINE
Frames & Battens

4 TIMES
PRESSED

Manufactured with MATT ply and four times pressed for long life and perfection.

BOTH SIDE
CALIBRATED

Perfect for architectural project.



SCAN TO
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TECHNICAL SPECIFICATION

ADVANCE IN COMPARISON WITH OTHERS

ADVANCE BLOCK BOARD GOLD MMR-25	ADVANCE GOLD MMR-25	OTHER BRAND
Advance Block Board Gold MMR25	✓	✗
25% Extra Water Resistance Resin Bonded	✓	✗
Uniform Calibrated Thickness, No Undulations	✓	✗
Extra Water Resistance 8cycle @65c	✓	✗
High Viscosity Resin Technology	✓	✗
IS:1659 Licensed Product	✓	✓
Tight Filed Core Board, Minimum Gaps	✓	✗

ADVANCE PLY BLOCK BOARD 710

100% IMPORTED PINE FRAMES,
100% BOILING WATER RESISTANCE

ADVANCE PLY
BLOCK BOARD 710



In HEXAPRO technology ADVANCE PLY is four times pressed, to provide strength and perfection. And two times treated to provide protection against termite and borer.



High Viscous resin Technology ensures the deep penetration of resin inside the core for strong bonding

4 TIMES
PRESSED

Manufactured with MATT ply and four times pressed for long life and perfection.

BOTH SIDE
CALIBRATED

Perfect for architectural project.

100%
Imported PINE
FRAMES



SCAN TO
DOWNLOAD
TECHNICAL SPECIFICATION

ADVANCE IN COMPARISON WITH OTHERS

ADVANCE BLOCK BOARD 710	ADVANCE 710	OTHER BRAND
High Viscosity Resin Technology	✓	✗
IS:1659 Licensed Product	✓	✓
Tightly Filled Core Board, Minimum Gaps	✓	✗
Extra Boiling Water Resistance>72 Hrs Boiling	✓	✗
True Bwr Grade Resin	✓	✗

ADVANCE PLY BLOCK BOARD MMR-10

4 TIMES PRESSED, CALIBRATED PLYWOOD,
10% MORE MOISTURE RESISTANCE

ADVANCE PLY
BLOCK BOARD
MMR-10



In HEXAPRO technology ADVANCE PLY is four times pressed, to provide strength and perfection. And two times treated to provide protection against termite and borer.



High Viscous resin Technology ensures the deep penetration of resin inside the core for strong bonding

4 TIMES
PRESSED

Manufactured with MATT ply and four times pressed for long life and perfection.

BOTH SIDE
CALIBRATED

Perfect for architectural project.



SCAN TO
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TECHNICAL SPECIFICATION

ADVANCE IN COMPARISON WITH OTHERS

ADVANCE BLOCK BOARD MMR-10	ADVANCE MMR-10	OTHER BRAND
Melamine Fortified Modified UF Resin MMR-10	✓	✗
Extra Water Resistance, 3 Cycles @ 65°C	✓	✗
High Viscosity Resin Technology	✓	✗
Uniform And Accurate Thickness	✓	✗
IS 1659 Licensed Product	✓	✓
Tightly Filled Core Board, Minimum Gaps	✓	✗

ADVANCE PLY SHUTTERING PLYWOOD

ADVANCE PLY SHUTTERING PLYWOOD

MAXIMUM REPETITION, GLOSSY FINISH, HIGH DENSITY,
WATER PROOF, HIGH LOAD BEARING CAPACITY

Film face shuttering ply, also known as film-faced plywood, is a high-quality building material specially engineered for the construction industry. It is primarily used as a mold for pouring concrete to achieve smooth and even surfaces on finished concrete structures. Here are some key aspects of film face shuttering ply:

Composition:

Core Material: Constructed from layers of wood veneers, which are bonded together using durable phenolic resins, ensuring high strength and rigidity. Surface Coating: Covered with a dense phenolic film, which not only protects the plywood from moisture, weather, and chemicals but also gives the concrete a smooth finish.

Features:

Durability : Highly resistant to wear, impact, and moisture.

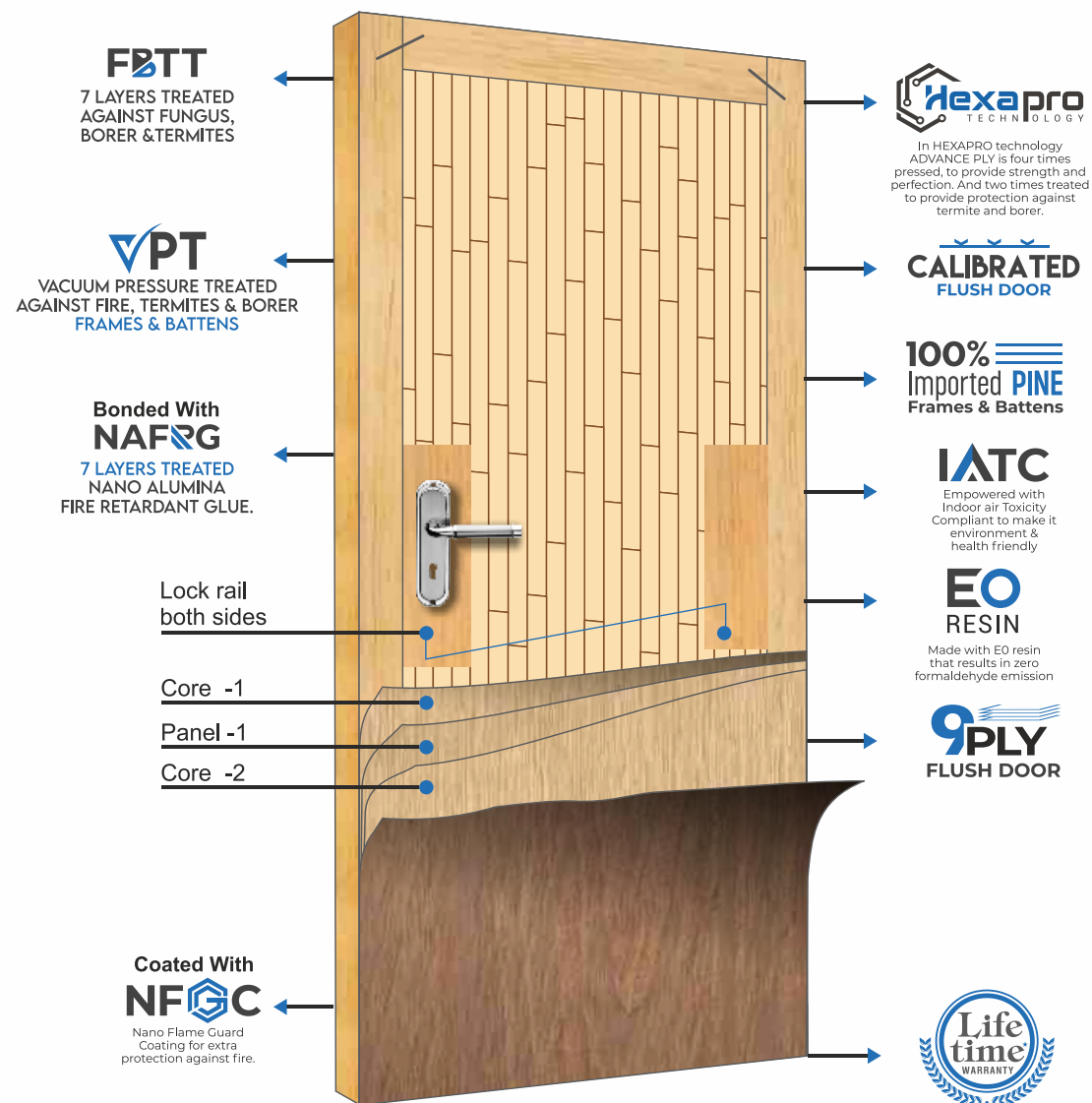
Smooth Finish : The film coating provides a smooth, glossy surface that imparts a high-quality finish to the concrete, minimizing the need for further plastering.

Water Resistance : The phenolic resin coating prevents water absorption, making it ideal for use in wet conditions.

Ease of Maintenance : The smooth surface is easy to clean and maintain, saving time and labor on site.



100% IMPORTED PINE FRAMES & BATTENS, 100% FIRE
RETARDANT, 100% BOILING WATER PROOF, 100% FBTP

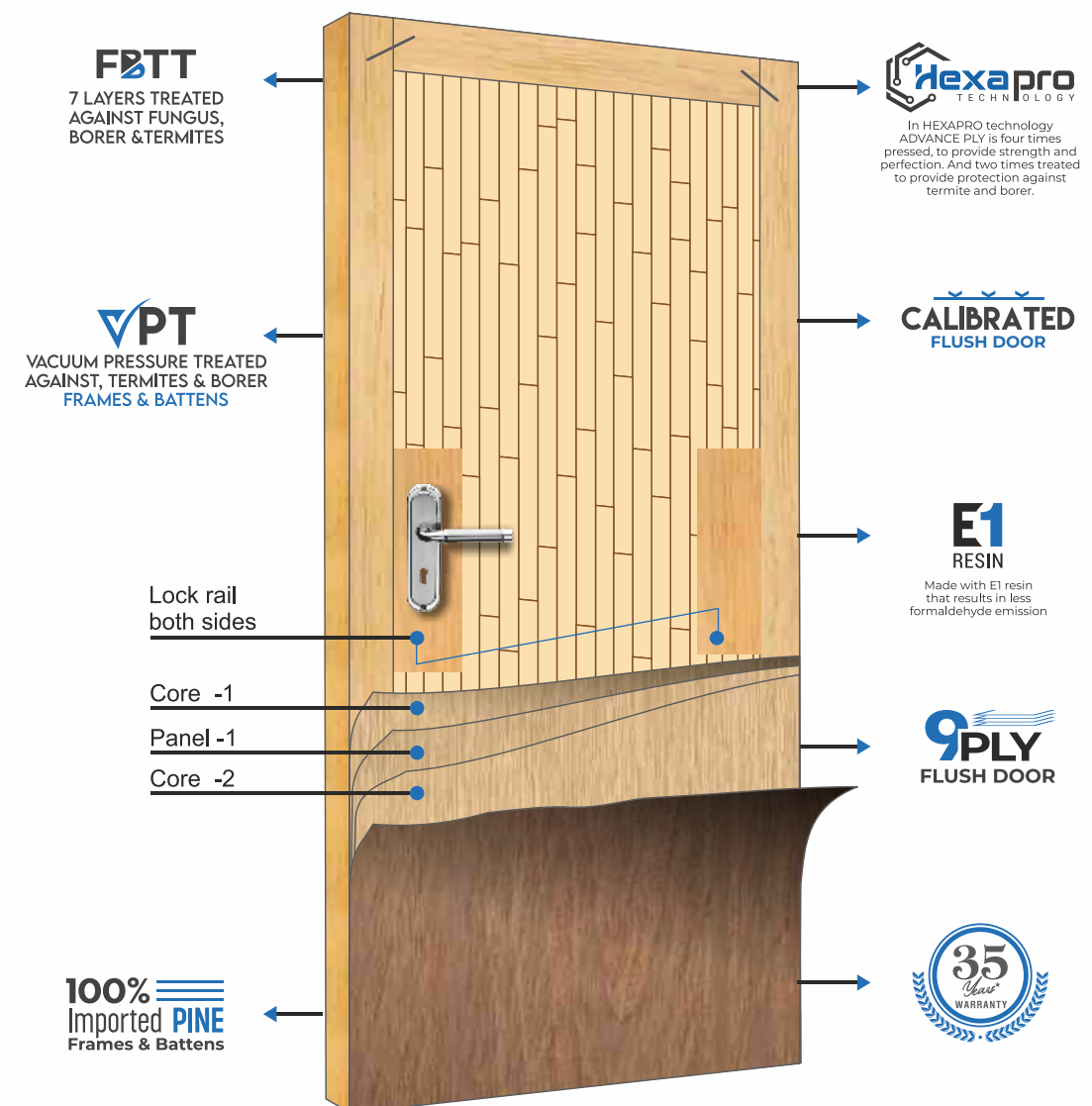


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TECHNICAL SPECIFICATION

- End Immerion ***
MORE THAN 8 CYCLE TESTED
(710 GRADE RESIN)
- Slamming ***
MDST(MULTI DROP
SLAM TESTED)
- Kiln dried timber**
NO DEFORMATION
HUMIDITY BALANCE TESTED
- Shock resistant ***
RESISTANT TO
HEAVY IMPACT

* Under Test Condition

100% IMPORTED PINE FRAMES & BATTENS, FUNGUS BORER
TERMITE PROOF, 100% BOILING WATER PROOF



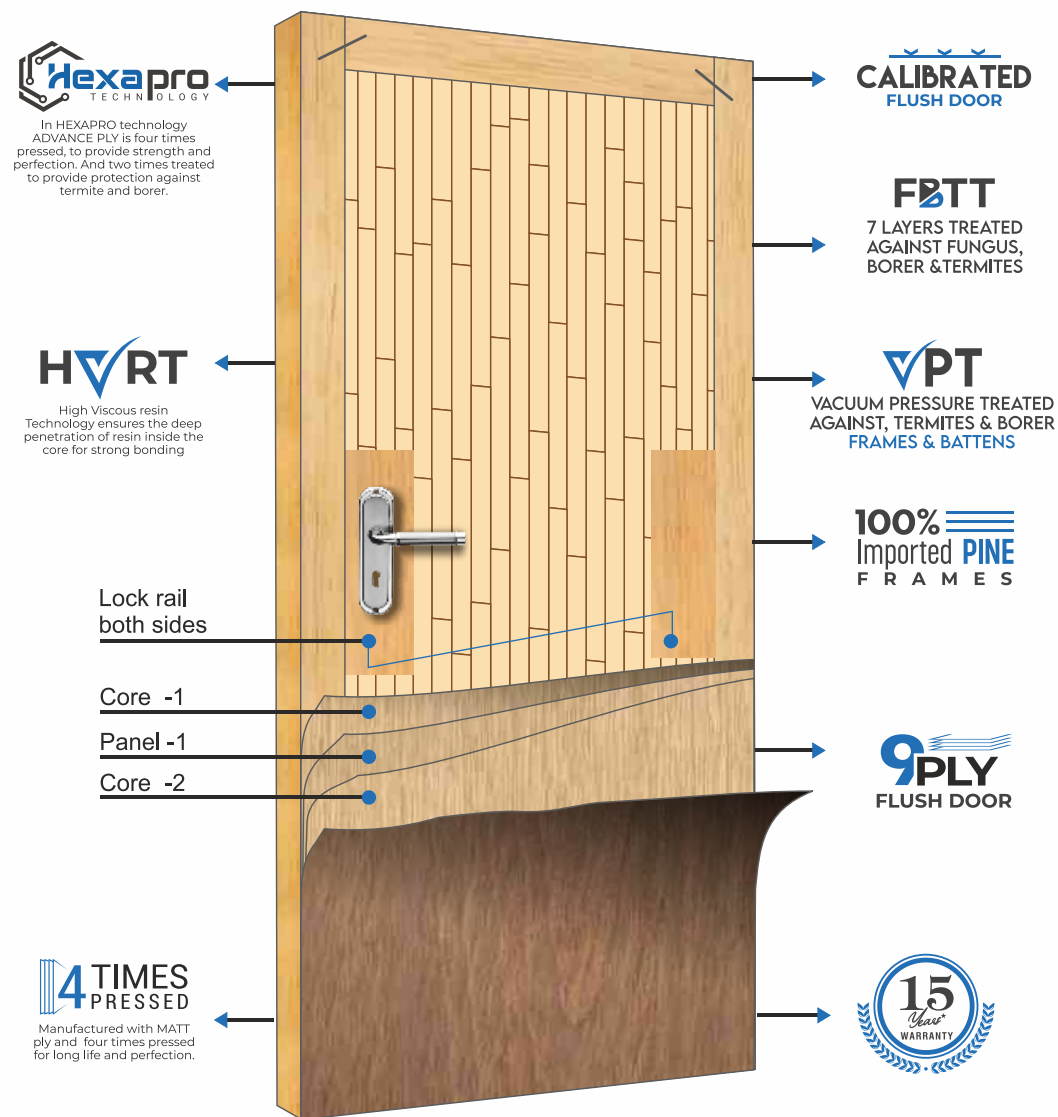
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NO DEFORMATION
HUMIDITY BALANCE TESTED
- Shock resistant ***
RESISTANT TO
HEAVY IMPACT

* Under Test Condition

100% IMPORTED PINE FRAMES, FUNGUS BORER
TERMITE TREATED , 100% CALIBRATED FLUSH DOOR

3core
construction
SHOCK RESISTANCE DESIGN



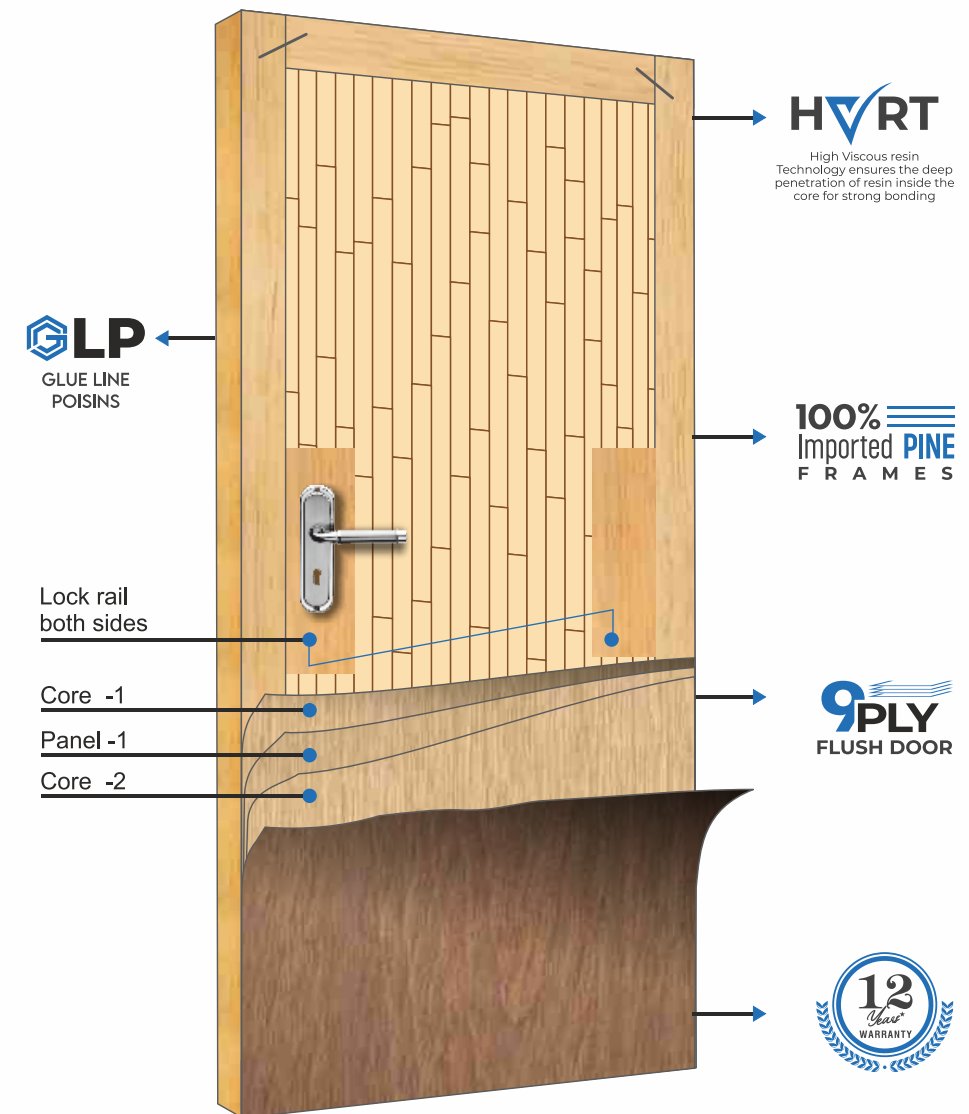
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NO DEFORMATION
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RESISTANT TO HEAVY IMPACT

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100% IMPORTED PINE FRAMES,

3core
construction
SHOCK RESISTANCE DESIGN



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TECHNICAL SPECIFICATION

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MDST(MULTI DROP SLAM TESTED)
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HUMIDITY BALANCE TESTED
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