

Declaration of performance

No. 01 [CE]

1. Unique identification code of the product-type: **Flexible Plywood (Superform®)**
2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):
B.H 55 DT. 06/7/2013 & B.H 54 DT. 04/07/2013
B.H 44 DT. 25/06/2013
B.H 68 DT. 17/7/2013 & B.H 71 DT. 21/07/2013he manu
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:
Manufacturing as per
EN 13986:2004 : Wood base Panels for use in construction-characteristics, Evaluation of conformity and marking.
EN 636-1,2,3:2003, : Plywood for specific type / grade is suitable for use.
EN 323:1993 : Wood base plywood Density.
EN 310:1993 : Wood base panels – determination of modules of elasticity in bending and of bending strength.
EN 314:2004 : Plywood Bonding quality & Testing methods.
EN 350-2:1994 : Durability of wood based Products
EN 1995-1:2004 : Design of wood structure (General)

INTENDED USE

The super form plywood is intended use for curved and shaped structure of non-structural application for interior, humid and exterior use in construction applications.

PROHIBITIVE USE

The super form plywood shall not use in structural supporting i.e.: supporting ceiling, floors & load bearing etc.

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant Article 11(5):
M/s Vritti Impex Pvt Ltd,
60, Ground Floor, Ram Mahal Society, Tulsi Pipe Road, Opp Mahim Rly Station, Mahim (West) Mumbai-400016 (INDIA)
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):
M/s Vritti Impex Pvt Ltd
60, Ground Floor, Ram Mahal Society, Tulsi Pipe Road, Opp Mahim Rly Station, Mahim (West) Mumbai-400016 (INDIA)

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

Not Applicable as such there is no change in the manufacturing Process.

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

This products manufactured under self certification under the supervision of M/s TNV Certification Pvt. Ltd **(Non Notified)**

In accordance with the requirements of the applicable directives, as manufacturer shall carry out the safety assessment producers and complying the required documentation. All documentation shall be filled in the Technical file, When a products has been tested and is found to be incompliance with the essential requirements of the European Directives and applicable standards, we the manufacturer shall comply as per European declaration of conformity and to prove self certification a CE marking label shall be affixed to the products concern. As applicable as per directives.

Performed:

MANUFACTURING PROCESS

First outer core is laid out, a thin veneer sheet is passed through the glue spreader and laid on top and second outer core is placed on top and then pressed.

The glue is prepared by mixing PF resin with additive. The mix is then loaded on a glue spreader.

Plywood is made up for a various layers of veneer. The veneer sheets are laid up on special plates for processing veneers are coated with special thermosetting resins, activated under heat and pressure.

The laid up veneer are hot pressed and under heat pressure and specific times to activate the bonding of the various layers.

Then plywood then cut to size in a dimension saw. Panels are then cut to size either 1220 mm X 2440 mm cross grain and 2440 mm X 1220 mm long grain. The plywood panel is now checked for defects prior to sending it through a sander. The job of the sander is to calibrate the panel t its appropriate thickness.

The panel are sanded. The plywood panel goes in for a final Quality Control clearance for some finishing

If Required. The products are than ready and stocked in a lot for dispatch (Export).

The panels are then packed to the required quantity – edged stamped, labeled and final packing for dispatch. Which is in most cases is by closed container.

Under system: EN13986:2004 , EN636-1,2,3:2003, EN323:1993 EN:314:2004 EN:310:1993
EN 350-2:1994, EN1995:2004

Also we have taken care of Safety Health & Environmental while manufacturing this products as per EN 717-2:1995, , EN1099:1998

and issued: As per standard Operating Procedures products clearance shall be done by Quality Control In-charge with Test evidence and Certificates for respective batches.

8. Declared performance

Performance Characteristics	Harmonized technical specification (see Note 3)	Unit	Performance (see Note 2)							
			3	5	6	9	12	16	18	21
Nominal Thickness		mm	3	5	6	9	12	16	18	21
Density	EN 323	Kg/m								
Bonding Strength ¹ Face grain parallel to span Perpendicular to face grain	EN 310	F Class								
		Acc To EN636	50	50	50	40	40	40	40	35
			25	35	25	35	35	35	35	30
Bending Stiffness ¹ Face grain parallel to span Perpendicular to face grain	EN 310	E Class								
		Acc To EN 636	90	90	90	90	80	80	80	80
			30	30	30	30	50	60	60	60
Bonding Quality	EN 314	Class	Class-1							
Realise of formaldehyde	EN13986 EN 717-2	Class	E-1/ E0							
Reaction to fire	EN13986	Class	D-s2, d2				D-s2-d0 /DFL –s1			
Water vapour permeability	EN13986 Wet cup μ		90							
	EN13986 Dry cup μ		220							
Sound absorption Range 250Hz to 500Hz Range 1000 Hz to 2000 Hz	EN13986	Coefficient	0.10							
			0.30							
Thermal Conductivity	EN13986	w/(m-k)	0.17							
Biological durability	EN1099, EN350-2	Class	5							
Contents of pentachlorophenol		ppm	Less than 0.1							

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Technical / Quality Control In-charge Name:Haresh M Aibani

For Vritti Impex Pvt. Ltd.

(Name and function)



Mumbai

Director

(Place and date of issue)

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(Signature)