

WATERPROOF ADHESIVE-MARINE



ECCO FIX is our premium quality synthetic resin based adhesive suitable for wood work. It is technically superior product in its class, providing very high water resistance and excellent bonding on plywood after optimum curing. Because of its very high resin content it offers much better durability to furniture being used in high humidity areas.

TYPICAL PROPERTIES:

- Appearance : Milky white emulsion
- pH : 3.0 to 5.0
- Specific Gravity: 1.05 to 1.09
- Flow : Continuous
- Spreadability : Smooth and easy

FIELDS OF APPLICATION:



Bonding laminate, plywood, veneer, particleboard, MDF, block board, hard board to each other.

PRODUCT ADVANTAGES:



Solvent free, Non-hazardous, Non-flammable, No fire hazards.



Free from offensive smell.



If required, it can be diluted with clean water till applicability is achieved.



Very quick setting time. Handling strength is achieved within 4 – 6 hrs of application



Easy to clean up while wet.



Excellent film formation.



Superior flow and spreadability and hence it can give higher coverage.



Excellent bond strength offering better moisture resistance.



Can be applied by brush, roller, spreader or any suitable applicator.



Heat resistance in normal case



Dries clear

APPLICATION METHODS:

- Surfaces to be bonded should be free from oil; grease; dust and dirt and should be dry and properly leveled.
- For best results, roughen the surfaces to be bonded.
- Stir content of container before use.
- Apply even coats of ECCO FIX first on comparatively non-porous surface, and then on porous surface for e.g. apply first on laminate and then on ply wood.
- If possible, application should be such that, it should be lengthwise on one surface and breadth-wise on other surface. This will help in proper and uniform spreading of adhesive while pressing.
- Before allowing adhesive to dry, and bring both the surfaces in contact together, make proper alignment, and start pressing from one side by using wet squeezed cloth to avoid bubbles, and ensuring uniform contact.
- Please note that ECCO FIX starts to dry quickly. Position the substrates within 5 – 6 minutes. Repositioning should be done if required within a minute of joining.
- Pressure can be given by using nails; clamps; weight; masking tape etc.
- Excess adhesive; which oozes out from edges should be wiped off with wet squeezed cloth.
- To get best results, bonded surfaces are to be kept under pressure for 24 hrs.
- If required, pressure can be released after 4-6 hrs and the bonded assembly can be put to use.
- In case of highly porous surfaces like particleboard and MDF, it is advised that, a thin coat of ECCO FIX is applied by pressure on the surface and allowed to dry. This will fill the pores of the surface. After drying, light sanding is to be done for getting smooth leveled surface and then this surface is bonded as per the method shown above.

PRODUCT COVERAGE:

- Approx.34 – 38 sq.ft/kg (both side application)

PRODUCT GUIDELINES

Precaution:

- When not in use, container should be kept closed.
- Skin formation if any, should be removed from the surface before use.

Shelf Life:

- Best to use before 18 months from the date of manufacturing.

Storage:

- Store in cool & dark shaded place; away from the sunlight.

Packing: 1 Kg, 5 Kg, 10kg, 20kg, 50 Kg

NOTE :

The Product information & application details given by the company & its agents has been provided in good faith and meant to serve only as a general guideline during usage. Users are advised to carry out tests & take trials to ensure the suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problems, quality of other materials used and on-site workmanship are factors beyond our control, there are no express or implied guarantee/ warranty as to the results obtained. The company does not assume any liability or any consequential damage for unsatisfactory results, arising from the use of our products.

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