



AQUA CARE plus

TECHNICAL DATA SHEET

PRODUCT NAME: AQUA CARE plus

DESCRIPTION: AQUA CARE plus is our premium quality synthetic resin based adhesive suitable for woodwork. It is a technologically superior product in its class, providing very high-water resistance and excellent bonding even on marine – grade plywood after optimum curing. Because of its very high resin content and special formulation, it offers much better durability to furniture being used in high humidity areas.

PROPERTIES:

Sr. No.	Parameter	Properties
1	Appearance	Milky white emulsion
2	Viscosity at 30 °C, in Poise (By Brookfield Viscometer RVT Spindle-6, RPM – 20)	180 to 280
3	pH	4 to 6
4	Specific Gravity	1.05 to 1.08
5	Flow	Continuous
6	Spreadability	Smooth and easy

FIELD OF APPLICATION:

Furniture Industries

- Bonding laminate, plywood, veneer, particleboard, MDF, block board, hard board to each other.
- Non-furniture Industries
- Bus body building where wood is used.
- Wooden cabinet for Television and Radio, wooden framing of wall clock

APPLICATION METHOD:

- 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 AQUA CARE plus first on comparatively non-porous surface, and then on porous surface for e.g., apply first on laminate and then on plywood.
- If possible, the application should be such that, it should be lengthwise on one surface and breadthwise 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.

HEAD OFFICE: 215, SATRA PLAZA, PLOT NO. 20, SECTOR 19D, VASHI, NAVI MUMBAI 400 705.
MAHARASHTRA, INDIA (TEL: 022)2783 2884/2783 2882





AQUA CARE plus

TECHNICAL DATA SHEET

- Please note that AQUA CARE plus 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 the 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 used.
- In case of highly porous surfaces like particleboard and MDF, it is advised that, a thin coat of AQUA CARE plus 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 to get a smooth leveled surface and then this surface is bonded as per the method shown above.

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.
- Superior flow and spread ability and hence it can give higher coverage.
- Excellent bond strength offering better moisture resistance.
- Heat resistance in normal case.
- Can be applied by brush, roller, spreader, or any suitable applicator.
- Easy to clean up while wet.
- Excellent film formation. & Dries clear.

PRODUCT GUIDELINES PRECAUTIONS:

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

SHELF LIFE:

- Best to use before 12 months from the date of manufacturing.

STORAGE:

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

PACKING:

- 1 Kg, 2 kg, 5 Kg, 10kg, 20kg, 50 Kg, 60 kg HDPE Container & 800 g Plastic Pouch Pack.

NOTE: 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

HEAD OFFICE: 215, SATRA PLAZA, PLOT NO. 20, SECTOR 19D, VASHI, NAVI MUMBAI 400 705.
MAHARASTHRA, INDIA (TEL: 022)2783 2884/2783 2882

