



STARFIX WA-HP-20

(High Performance Wood Adhesive)

DESCRIPTION

STARFIX WA-HP-20 is a high performance transparent lamination and carpentry adhesive derived from a blend of selected PVA polymers and tackifier. It has superior tensile and breaking strength.

PROPERTIES

WA-HP-20 has a good wet tack with smooth flow properties and uniform drying characteristics so as to provide compact bond with a very high tensile strength. Properties of **WA-HP-20** including adhesive bond strength comply with BS specification **BS 4071**.

APPLICATION

WA-HP-20 has excellent adhesion to wood and wood based products in cold setting application. Compatible with range of wood such as veneer, plywood, block-boards, hardboard, chip boards and fiber boards.

Applications Include: Assembly gluing, panel surfacing, veneer and paper foil laminating, finger jointing, laminating and edge jointing, block-wood core composing, veneer splicing, flush door manufacture etc.

DIRECTION OF USE

Before applying, the surface should be prepared clean and even, free from dust loose shavings, oil and grease.

Apply **WA-HP-20** either by brush, roller or pressure feeding equipment to a uniform coat. If

the surfaces are very porous apply a second coat, after allowing first to dry.

Allow few minutes then assemble the surface, apply pressure, no heavy clamping necessary, normal hand pressure or standard clamping is sufficient to give a strong bond.

Setting time varies for surface from 5 minutes to 2 hours depending on thickness of layers of adhesives, wood type, moisture and temperature.

Clean excess adhesive peeling off from sides with a damp cloth before setting.

CLEANING

Clean all tools immediately with warm water.

PACKING

WA-HP-20 is available in 5kg, 10 kg, 20 kg, 30 kg plastic Jerry can and 200 kg open top metal drum.

STORAGE & SHELF LIFE

Store under cover, protect from direct sunlight and high temperature (>30°C). Shelf life is up to 12 months in unopened container when stored as directed.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.



HEALTH & SAFETY

As with all chemicals, caution should always be exercised. Protective clothing such as gloves and goggles should be worn.

INHALATION: Inhalation of vapor or mist should be avoided. If inhaled symptoms include coughing, wheezing, laryngitis, and shortness of breath, headache, nausea, and vomiting. Immediately shift victim to fresh air, and, if needed immediately start artificial respiration. Give oxygen if breathing is labored. Get emergency medical help.

EYE CONTACT: Flush eyes with water for 15 minutes and call for medical help.

INGESTION: causes nausea, vomiting, and loss of consciousness. If accidentally

swallowed do not induce vomiting rather call for medical help immediately.

TECHNICAL DATA

Density	1.08 ± 0.05
Viscosity	20000 – 35000 cps (brook field)
Open Time	20 to 30 minutes
Curing Time	Initial 1 hours, final 24 hours (to take load)
Press Time (Load 20/30 psi)	Cold Press 20 – 40 minutes Hot Press 06 - 08 minutes
Application Temperature	Cold Press 15°C - 25°C Hot Press 45°C - 100°C
Maximum Temp. Resis	Up to 120°C
Dry Film Appearance	Tough, Clear
Toxicity	Non-flammable/ Non-toxic
Preservatives	Anti-fungicidal/ anti-microbial

WARRANTY

The information given is based on our knowledge and performance of the material. Every precaution is taken in the manufacture of the product and responsibility is limited to the quality of supplies with no guarantee of results in the field, as manufacturer factory has no control over site conditions or execution of work.

Star Adhesive & Resin Ind. Factory