

PRODUCT DATA SHEET

DECCOBOND 151

Hardwood Glue

PRODUCT NAME: DECCOBOND 151

PRODUCT DESCRIPTION:

Deccobond 151 is a single component pre-catalyzed emulsion adhesive formulated for fast setting, strong bond strength and is water resistant.

APPLICATION:

It is suitable for the following:

- a) Wood joints for doors, cabinet doors, windows & staircase
- b) Finger jointing
- c) Laminated timber & block gluing including spindle gluing.
- d) Wood assembly work
- e) Edge bonding of veneers and wood edge to plywood, particle boards, mdf, masonite & etc.

PHYSICAL PROPERTIES:

Appearance:	Off white emulsion
Solid:	52.0 – 53.0%
pH:	4.0 – 5.0
Odor:	Mild, None when dry
Viscosity:	2,800 – 3,500 cps (Brookfield RVF Spindle 4, 20rpm at 26° C)
Specific Gravity:	1.08
Flammability:	Non flammable
VOC:	4.0 g/L
LEED:	Compliant

PREPARATION:

Deccobond 151 is supplied ready to use and do not require mixing.

USAGE:

The wood surfaces to be glued must be prepared to ensure good bonding. Surfaces to be glued must be cleaned and free from dust. Grease or oil, if present on the wood surface must be removed and cleaned with solvent or thinners. In case of resinous wood species, clean with alcohol rub or solvent and allow the surfaces to dry before gluing takes place. This will enhance the bonding strength.

Assembly time: The assembly time varies and is dependent on the species of wood and moisture content. It is also affected by the room temperature, relative humidity, glue spread, etc. and can be determined by regular use.

Open assembly time: 0 to 10 min

Closed assembly time: 0 to 25 min

Glue Spread: Approx 1.6 to 2.5kg / 10 sq.m. for single glue line.

Deccobond 151 emulsion develops high compressive strength at room temperature. It can develop a hardwood bond that yields 4800 psi tensile strength with 80% fiber tear on maple after 24 hours cure. This allows its use for demanding hardwood application.

CLEANING

Brushes, rollers, glue guns & spreaders can be easily cleaned with water & sponge. Warm water cleans better. To prevent damage, keep application equipment in water after use for easier cleaning.

STORAGE

Deccobond 151 is stable. Stores well for at least 6 months at room temperature.

KEEP FROM FREEZING

For Industrial & Professional Use