

Technical Data Sheet Glue Film LF150+

Glue Film LF150+ is a thin nonwoven with both-side glue coating for dry and flexible glueing of veneers. The material is processed in hot presses without application of additional adhesive.

Carrier Material

The carrier mainly consists of long-fibrous cellulose. Synthetic fibres as well as latex binder are admixed for increasing tearing resistance and flexibility.

Glue Coating

The glue coating is applied from a water-based system. In combination with sufficient press temperature and pressure it provides a very heat- and water-resistant glue bond.

Processing

For the pressing process no additional glue is required. As consequence of frequent tolerances in veneer thickness we recommend to use a press cushion or to press several veneer layers at one time. The following pressing conditions base on our own experience. Please consider that all types of wood and all presses are different. Therefore it is absolutely necessary to carry out own tests.

pressing time	minimum 60 seconds
pressure	minimum 15 kg/cm ²
pressing temperature	120°C - 140°C (*) / 250°F - 290°F (*)

(*) The pressing temperature of 140°C (290°F) is necessary to activate cross linking reactions in the glue in order to provide maximum heat and water resistance of the glue bond.

Main Applications

duplication of flexible veneer sheets
glueing of veneer onto various carrier materials
manufacture of thick veneer edge banding
production of thin and flexible plywood

Product Properties

maximum flexibility
increased productivity due to low pressing time
excellent bonding without additional glue
different widths available

Physical Properties

weight	approx. 100 g/m ²
thickness	approx. 150 µm (5.9 mil)
tensile strength longitudinal	2.460 N/m
tensile strength lateral	1.510 N/m

Storage

temperature	cool storage, by short-term up to 50°C (120°F)
humidity	dry storage, protect against water and humidity
shelf life	minimum 6 months

Form of Delivery

packing	rolls on pallets
roll length	500 l.m. (1.645')
production width	1.270 mm (50") or 1.500 mm (59")
inside diameter	76 mm (3")