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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
- lamination of various carrier materials onto veneer
- 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

thickness	approx. 150 µm (5.9 mil)
tensile strength longitudinal	1.825 N/m
tensile strength lateral	1.200 N/m
tearing resistance lateral	3,5 N

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")

All information in the data sheet as well as our processing recommendations, irrespective whether given orally or in writing, are based on our own practical and scientific experience. These are given without obligation and therefore not a guarantee for any properties. Due to the multitude of materials and different processing conditions it is obligatory to clarify prior to the begin of the processing by examinations, suitable in extent and method, whether the product is suitable for the intended purpose. 08/2018