

PWG VeneerBackings GmbH
Aichener Strasse 8
D-86877 Walkertshofen, Germany



Tel. +49 (0) 82 39 – 2 14
Fax +49 (0) 82 39 – 75 52
pwg@pwg-veneerbackings.de

www.pwg-veneerbackings.de

Technical Data Sheet Backing Fleece 23ST/20

Backing Fleece 23ST/20 is a high-grade nonwoven with one-side glue coating. The material is applied onto veneer in fleece laminators with application of additional glue onto the veneer.

Nonwoven Carrier

The nonwoven 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 a suitable lamination glue on the veneer it provides an excellent bond between fleece and veneer.

Processing

Backing Fleece 23ST/20 is processed in fleece laminators with application of lamination glue onto the veneer. Sufficient quantity and drying of the lamination glue is essential for a good bond between fleece and veneer. Please consider that all types of wood, machinery and lamination glue are different. Therefore it is absolutely necessary to carry out own tests.

Main Applications

production of veneer edge banding
manufacture of profile wrapping veneers

Product Properties

good reinforcement at high flexibility
high internal resistance of the carrier material, no splitting
increased productivity due to high lamination speed
good bonding of nonwoven's back side to various kinds of glue
different colors and all widths available

Physical Properties

| | |
|-------------------------------|--------------------------|
| thickness | approx. 110 µm (4.3 mil) |
| tensile strength longitudinal | 1.920 N/m |
| tensile strength lateral | 1.290 N/m |
| tearing resistance lateral | 1,5 N |

Storage

| | |
|-------------|---|
| temperature | cool storage, by short-term up to 50°C |
| humidity | dry storage, protect against water and humidity |
| shelf life | minimum 12 months |

Form of Delivery

| | |
|------------------|---|
| packing | rolls on pallets |
| roll length | 2.000 l.m. (6.560') |
| available widths | 50 mm (2.0") to 1.515 mm (59.6") in 5mm steps |
| 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