

Surewrap Professional

Preliminary version

Unfilled Wrapping Hotmelt Adhesive based on Polyolefine

Properties

RAKOLL®-Surewrap Professional is an APAO based hotmelt adhesive suitable for wrapping MDF, chipboard or solid wood profiles with paper foil, veneer and continuous laminate (CPL) on a profile wrapping machine. RAKOLL®-Surewrap Professional presents good spreading properties, a high heat resistance and good adhesion properties.

Application

- Wrapping of chipboard, MDF and solid wood profile cores with decorative finishing films and veneers.

RAKOLL®-Surewrap Professional is suitable for most types of wrapping substrates, e. g. paper, veneer and CPL that have been tested and approved by the manufacturers.

Instructions for use

The machine should be adjusted according to the recommendations of the machine manufacturers. The materials should be free from dust and grease. The material and the operation conditions can influence significantly the bonding results.

Good results will be achieved under the following conditions:

Room, material and adhesive temperature	18 ... 20 °C
Moisture content of wood	8 ... 10 %
Processing temperature at the application roller	200 ... 210 °C
Application quantity	60 ... 120 g/m ²

Feed speed at least 15 m/min
(when using slower machines, the coat weight has to be increased)

Cleaning

The melting pots should be cleaned at regular intervals and not allowed to go down too much.

Chemical-technical data

RAKOLL®-Surewrap Professional

Basis:	Polyolefine (PO)
Density:	approx. 0,95 g/m ³
Viscosity: (Brookfield HB, Spindle SC 4-29, at +204 °C)	approx. 14.000 mPa.s
Softening point: (ring + ball method based on ASTM E 28)	approx. +147 °C

Heat resistance

The heat resistance of wrapped profiles depends amongst other factors on the substrates, the shape of the profile and on the quality of gluing. No general statement can therefore be made regarding the heat resistance.

In tests with increasing temperature, measurements taken in practice on profiles wrapped with decorative finishing films were found to reach average values of approx. 120 °C.

Labelling

RAKOLL®-Surewrap Professional is not subject to marking regulations pursuant to the Dangerous Goods Act in its present version.

Labelling

Hot melt adhesives release vapours even when the recommended processing temperature is observed. These vapours can irritate the respiratory system. Measures should therefore be taken for the removal of vapours, e.g. by means of an extracting system.

Storage

Store RAKOLL®-Surewrap Professional in closed original containers in a cool and dry place. Shelf life is at least 12 months.

Technical stage of development: January 2006

The data of former leaflets which differ from this version are no longer valid.



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