

# Dackor HotCoating Products

## Polyurethane moisture-curing surface coatings are applied

### Fields of application

- Hot coating various surfaces and veneers by inline process
- surface coating of a wide range of materials such as textile, paper, PET, PP, foil, etc.

### Advantages

- high UV stability
- high shock and wear resistance
- extremely hard with good scratch resistance
- good resistance to chemicals
- 100% solid material
- flexible

### Properties of the Adhesive

**Base:** polyurethane

**Specific gravity:** approx. 1.1 g/cm<sup>3</sup>

**Viscosity (on day of production) :**

- **Brookfield HBTD 10 rpm:**

140°C: 4,000 ± 1,500 mPa·s

-**ME product (Micro-Emission)**

**Residual monomer content < 0.1%**

Even when the recommended working temperatures are observed, Dackor hot coated materials can release vapors which may cause unpleasant odors during the production phase only. If the prescribed working temperatures shown are considerably exceeded for an extended period of time, harmful decomposition products can develop.

### Packaging

Items can be received safely in rolls.

Products are both durable and flexible and can be packaged accordingly.

Additional packaging sizes available upon request.

### Storage

Dackor coated material can be stored in a warehouse setting safely. It is advisable, however, that after a 1 week curing/cross linking process that products are kept out of high moisture areas.

Version 10/18/2023 replaces previous versions

Therefore, suitable measures for the removal of the vapors must be taken, e.g. using a suitable extraction ventilator.

### Processing

Dackor products apply coatings that are melted in a pre-melting plant between 120°C -150°C and then pumped to the application unit through a heated pipe.

The HotCoating process for board-shaped parts is performed by roller application to the surface with subsequent smooth rolling or a smooth edging plant. Application of rolled products such as veneer or paper is performed using special slot nozzle technology, whereby a smooth surface is attained.

To enable chemical cross linking of the PUR hot melt, moisture is necessary. Therefore, ensure that sufficient air humidity is present during processing.

Cross linking of our hot coating process takes place over a period of 7 days (depending on moisture present. Higher moisture is ideal during the cross linking process).

### Applications

Dackor hot coated products are versatile and can be used in a variety of formats including but not limited to:

- Flooring
- Furniture
- Paneling
- Cabinetry
- Drawers
- Etc.

**No cleaning required.**

**Waste Disposal**

Disposal of contents and/or containers should comply with all applicable federal, state and local regulations.  
Our containers are made of recyclable material.

**Service**

Our service, sales, and operations teams are available for consultation and can be reached at 407-654-5013.