

AQUENCE LD 084

Known as DORUS LD 084 spezial
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PRODUCT DESCRIPTION

AQUENCE LD 084 provides the following product characteristics:

Technology	PVA Dispersion
Product Type	Lacquer Glue
Application	Assembly
Appearance	white slightly opaque after drying

Application Areas

- Bonding of porous wooden parts to polyurethane and AC lacquered surfaces as well as melamine-coated particle boards

Product Properties

- Medium viscosity
- High bonding agent content
- Gives elastic glue joints
- Very good adhesion to hardened surfaces
- Not suited for dowel insertion

Technical Data

AQUENCE LD 084:

Minimum film formation temperature, °C (MFFT) DIN 53787	~+10
Viscosity, Brookfield - RVT, 5/20/20, mPa.s ISO 2555	4,500 to 20,000
pH value (20 °C) ISO 976	8 to 9.5

DIRECTIONS OF USE

Preliminary Statement

Prior to application it is necessary to read the **Material Safety Data Sheet** for information about precautionary measures and safety recommendations. Also, for chemical products exempt from compulsory labeling, the relevant precautions should always be observed. Please also refer to the local safety instructions and contact Henkel for analytical support.

Instructions for Use

Open Time

Open time (raw /lacquered beech), min: ~12

Pressing Time

Pressing time (raw/lacquered beech) ≥15

The data shown is based on 8-12 % wood moisture, 20 °C room and material temperature, 65 % relative air humidity and 0.5 N/mm² pressure and a glue application weight of 100 g/m².

The working temperature of the workpiece and glue should be at least + 10°C.

The glue is supplied ready for use. If required, it can be thinned with water up to 3 %.

The parts are to be joined within the open time and kept under pressure till the initial adhesion is strong enough for further processing.

For gluing to lacquered surfaces pre-tests are recommended in principal. Surfaces have to be free of dust and grease. Since the make and quality of laquers differ considerably, check the suitability of the lacquer glue. The laquer type and age of the laquering can influence open and pressing time. Completely cured lacquered surfaces are difficult to bond. Glue squeezed out of the joint can cull the lacquered surface and should therefore be removed immediately.

Application

Thinly and evenly by brush, toothed spatula, manual and automated glue spreader

Cleaning

Equipment used to apply the glue may be cleaned easily using cold or luke-warm water before the adhesive has dried hard. Hard dried glue remnants have to be removed mechanically.

STORAGE

Store in the original tightly closed container in a cool, dry place away from frost.

Stir well before use.

Storage life up to 6 months.

Do not store above 30°C.

Classification:

Please refer to the corresponding **safety data sheets** for details on:

Hazardous Information

Transport Regulations

Safety Regulations

ADDITIONAL INFORMATION

Disclaimer

Note:

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

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