

AQUENCE® KL 071/2

January 2026

Product description

AQUENCE® KL 071/2 provides the following product characteristics:

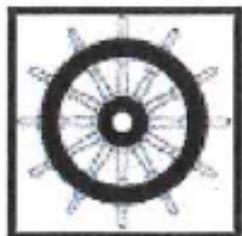
Technology	PVA dispersion
Product type	Water resistant as per D3 / EN 204 Assembly glue
Application	Assembly
Appearance	White transparent after drying

Application areas

- Joints where increased water and heat resistance is required
- Gluing solid wood
- Gluing of blockboard cores and composed solid wood panels
- Doors and stairs
- Windows, window scantlings, composite window elements
- Veneer gluing

Certificates and approvals

Test certificate of Danish Institute of Fire and Security Technology, DK-2650, for low flammability in ship building according to IMO Resolution FTPC part 5.



Notified Body
no.: 0098

Product properties

- Medium viscosity
- Fast setting
- Long open time
- Free from discolouration
- Gives transparent, tough-elastic glue joint
- High water resistance one component = Durability class D3 as per EN 204
- plus cross-linker AQUENCE® CATALYST R 397 or CATALYST R 398 (5%) =Durability class D4 as per EN 204
- Formaldehyde content <10 mg/kg

Technical data

AQUENCE® KL 071/2:

Minimum film formation temperature, °C (MFFT) DIN 53787	~+5
Viscosity - Brookfield RVT - mPa.s Spindle 5/ 20 RPM/ 23 °C, ISO 2555	9000 - 15000
pH value, (20°C), ISO 976	4 - 5

Direction for use

Preliminary statement

Prior to use it is necessary to read the **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.

Open time

Open time (beech/beech):

Quantity applied 150 g/m ² , minutes	~7
Quantity applied 200 g/m ² , minutes	~15

Pressing time

Surface bonding (Chipboard/HPL):

Quantity applied 100 g/m ² , minutes	≥8
Quantity applied 200 g/m ² , minutes	≥16

Joint bonding (beech/ beech):

Quantity applied 150 g/m ² , minutes	≥20
Quantity applied 200 g/m ² , minutes	≥30



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.

The actual open and setting times will depend heavily on the working conditions such as temperature, humidity and absorption of the wood, surface characteristics, stresses in the material and application thickness of the glue, etc.

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

The working temperature of the workpiece and glue should be at least +12°C.

Ensure that the parts to be bonded are close fitting and free from dust and grease.

Fit tolerances increase the setting time and reduce the bonding strength.

Glue/Cross-linker Mixture

AQUENCE® KL 071/2 plus 5% cross-linker AQUENCE CATALYST R 397 or CATALYST R 398 = durability class D4 according to EN204.

Glue and cross-linker should be mixed well and used within approx. 7 hours (pot life).

The setting and pressure times of the glue/cross-linker mixture are - depending on the amount of cross-linker used - about 2-3 min longer than AQUENCE® KL 071/2 glue without cross-linker.

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.

Shelf life

Shelf-life (in unopened original packaging), months 12

Classification

Please refer to the corresponding **Safety Data Sheet** for details on:

Hazards identification

Transport information

Regulatory information

Disclaimer

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Reference 3

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