

## AQUENCE PU 300 N

April 2018

### PRODUCT DESCRIPTION

AQUENCE PU 300 N provides the following product characteristics:

<b>Technology</b>	Polyurethane
<b>Product Type</b>	Liquid Reactive Adhesive
<b>Application</b>	Assembly
<b>Appearance</b>	yellowish 4,8 kg carton (8 squeeze bottles á 0,6 kg)

### Application Areas

- General assembly work
- Joint gluing in the workshop and at the building site
- Suitable for bonding of wood, even lacquered, during window, shutter and door manufacturing
- Gluing of cork, HPL, cement fibre boards and hard foams to wooden materials, iron sheets, ceramics, cement floors, etc.
- **Please note:** For outdoor application the glued woodparts should be coated with a weatherproof lacquer, if exposed to sunshine and rain

### Product Properties

- Moisture curing 1-component polyurethane adhesive
- Without solvent and water
- Short open time
- Cross-links chemically forming a thermoset joint
- High water resistance in compliance with D4 as per EN 204
- High heat resistance, tested according to EN 14257 (WATT 91)
- Good chemical resistance (to weak acids, alkalines and most solvents)
- Excellent bond strength with coniferous woods
- relatively weak bond strength with hardwoods (e. g. oak, beech)

### Technical Data

#### AQUENCE PU 300 N:

Solids Content, %	~100
Viscosity, Brookfield 20 rpm, 20 °C, Spindle 6, mPas (medium viscosity, good flow)	9,000 to 14,000

### 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, minutes 7 to 10  
(Henkel internal method open time for 1C-PUR)

##### Pressing Time

with absorbent materials, minutes: <30  
(at 20°C)  
ultimate strength after 24 - 48 h depending on temperature and humidity

#### Instructions for Use

Application amount, g/m<sup>2</sup> 100 to 200  
Pressure, N/mm<sup>2</sup> minimum 0.5  
(to achieve an optimum joint)

#### Application

one side

#### Application Device:

spatula

#### Cleaning

Not hardened glue remnants be removed with suitable cleaning agent or solvent (e.g. TECHNOMELT CLEANER MELT-O-CLEAN, LOCTITE SF 8040), when completely hardened only with mechanical means.

### STORAGE

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

Storage life up to 12 months.

Once opened the adhesive should be consumed in a short time.

#### Classification:

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

#### Hazardous Information

#### Transport Regulations

#### Safety Regulations

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