

TECHNICAL DATA SHEET

PVA PRODUCT: AP30WR

NEY Limited
Stonebridge Trading Estate
Sibree Road
Coventry CV3 4FD

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APPLICATIONS

High quality wood glue. All joinery applications where D3 water resistance is required e.g. Exterior furniture, windows, doors, kitchen & bathroom furniture.

MACHINES

All roller gluers, Suitable for Hot & Cold Press. Suitable for RF, IR & UV drying.

PROPERTIES

- Fast rate of bond strength development & high bond strengths.
- High water resistance to D3 of EN204.
- Good creep resistance to BS4071.
- One part self cross Linking .
- Excellent initial tack with short open time i.e. quick drying
- Exceptional quality control produces unrivalled consistency.

CLEANING

- With cold water if the adhesive is wet
- With cleaning solvent such as cleansolv if adhesive has dried.

Note: belts and other machine parts may be treated with nobond to stop glue build up.

TEHCNICAL DATA

Solids content:	45-49%
Viscosity:	8000-15000 mPas. Brookfield RVF, 20RPM, 23°C 80-150 Poise
VOC (EU) in % (Volatile Organic Compuond)	0.3% by volume

STORAGE

- Protect from frost. Store between 5°C-20°C

Important:

As most requirements are unique, it is most important that trials are carried out in order that the user satisfies themselves that the adhesive is suitable. The information given on this sheet is for guidance only and does not represent a specification.

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RATE OF BOND STRENGTH DEVELOPMENT

At 25°C and 65% Relative Humidity – Beech on Beech

Time	Bond Strength (N/mm ²)
03 Mins	0.3 - 0.4
06 Mins	0.6 - 0.7
09 Mins	1.4 - 1.6
12 Mins	2.0 - 2.2
15 Mins	2.7 - 3.1
30 Mins	3.6 - 4.0
60 Mins	4.0 - 4.5
90 Mins	4.3 - 4.8
2.5 Hrs	5.0 - 5.3
4 Hrs	5.5 - 5.8
5 Hrs	6.5 - 6.7
6 Hrs	7.0 - 7.4

RATE OF BOND STRENGTH DEVELOPMENTS USING R.F. DRYING

R.F. DRYING at 2Kw 0.6 AMPS

Time	Bond Strength (N/mm ²)
03 Secs	0.1 - 0.2
05 Secs	0.2 - 0.3
08 Secs	0.2 - 0.3
12 Secs	0.3 - 0.4
20 Secs	0.4 - 0.5
23 Secs	0.5 - 0.55
25 Secs	0.55 - 0.65

R.F DRYING at 2Kw 0.6 AMPS

Time	Bond Strength (N/mm ²)
3 Secs RF + 1 Min @ 25°C	0.2 - 0.3
3 Secs RF + 1.5 Min @ 25°C	0.5 - 0.7
3 Secs RF + 3 Min @ 25°C	1.5 - 2.0
3 Secs RF + 7 Min @ 25°C	3.5 - 4.0
3 Secs RF + 12 Min @ 25°C	4.0 - 4.5

GENERAL

AP30WR is just one of our extensive range of PVA Adhesives. For further technical information please contact our Consumables Department.

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