

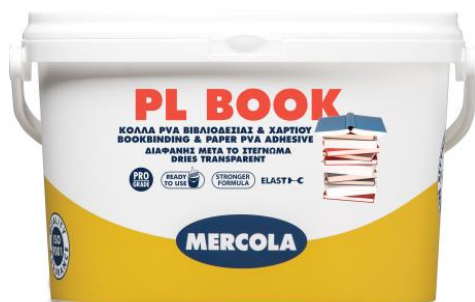


Surface Adhesives

PL BOOK

Technical Data Sheet

Reviewed: 06.06.2015



DESCRIPTION

PL BOOK is a high quality thermoplastic adhesive, based on a water soluble PVAC dispersion, specially formulated for paper and bookbinding. When dry it gives a very strong and elastic bond. It has a high viscosity, does not shrink and dries transparent.

ADVANTAGES

- Excellent bonding strength
- Humidity resistance
- Temperature resistance
- Environmentally friendly

APPLICATIONS

- Bookbinding of book's spines, catalogs and journals.
- Assembling of note blocks, ticket blocks etc.
- Carton box assembling and covering
- Starching of fabrics and artificial flowers
- Bonds paper, carton and fabrics

INSTRUCTIONS FOR USE

1. All surfaces must be dry and clean from dust and grease and fit closely together.
2. Stir adhesive thoroughly before use
3. Apply an even film of adhesive using a brush or roller. If needed the adhesive can be thinned up to 10% with water
4. Bring the two surfaces together and apply light pressure until adhesion is achieved.
5. Initial bonding (for paper) almost immediate. Final bonding from 1 - 3 hours depending on ambient humidity and temperature.
6. For paper and fabric starching **PL BOOK** must be thinned 60% - 80% with water.

It is advisable to perform a suitability test prior to full scale application

REMARKS

- Ideal application temperature: 18°C - 20°C
- Do not use below 12°C and relative humidity >60%
- Significant irregularities reduce the contact surface and therefore will lead to unsatisfactory bonding results.

CLEANING

Clean all equipment immediately after use with water.

COVERAGE

150 - 200 gr /m² depending on surface porosity and condition

TECHNICAL CHARACTERISTICS

Appearance: Thick paste

Base: Specially plasticized water based dispersion of polyvinyl acetate

Colour of the paste: White

Dry film: Transparent and highly elastic

Odour: Slight, characteristic of PVAC

pH: 4-5

Water solubility: Unlimited at 20 °C

Solids: 54 ± 1%

Specific gravity: 1,08 ± 0,03 gr/cm³ 25°C

Minimum Film Forming Temperature: 0 °C

Viscosity: 55000 ± 5000 cps 25 °C BROOKFIELD

Flammability: Inflammable

STORAGE

Store in dry and cool storage conditions at temperatures 5°C - 30°C. Protect from moisture, frost and direct sunlight.

SHELF LIFE

At least 12 months in unopened containers. Products should remain in their original unopened containers, bearing the manufacturers batch number.

PACKAGING

Plastic containers 1kg, 5kg, 32 kg

PACKAGING	CODE	BARCODE
1kg	01730	5204094017301
5kg	01731	5204094017318
32 kg	70073	5204094017332

Evochem®

EVOCHEM S.A.

Tzavardella place 13341, Fyli, Attica, Greece

Tel.: 210 5590460, 210 5590155 Fax: 210 5590244

E-mail: info@evochem.gr Website: www.evochem.gr





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HEALTH AND SAFETY INFORMATION

P101: If medical advice is needed, have product container or label at hand **P102:** Keep out of reach of children **P103:** Read label before use **P501:** Dispose of the contents / containers in accordance with the current legislation on waste treatment

The directives contained in this technical data sheet are the result of our long experience from real life applications and the research testing of our research and development laboratory and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications, which are beyond our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments. We are liable only for our products for being free from faults and of consistent quality. Users are responsible for complying with local legislation and for obtaining any required approvals or authorizations. The present edition of this technical datasheet automatically cancels any previous ones concerning the same product.



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Tel.: 210 5590460, 210 5590155 Fax: 210 5590244

E-mail: info@evochem.gr Website: www.evochem.gr

