

## BB 1A11

### Bookbinders Emulsion

**DESCRIPTION:** BB 1A11 is a single component, waterbased emulsion adhesive and is principally intended for bonding porous surfaces for a high strength, tough bond. BB 1A11 has a high solids level and dries quickly. BB 1A11 dries clear. Ideal for packaging, stationery, padding and book binding.

**FDA Status:** BB 1A11 Adhesive formulation complies with FDA Food Grade 21 CFR 175.105 – Adhesives and 21CFR176.170 & 21CFR176.180 for direct food contact with restrictions.

**SURFACE PREPARATION** All surfaces to be bonded must be clean, dry and dust free.

**APPLICATION** Apply adhesive to one surface through nozzle, roller or brush then laminate with suitable pressure. Allow to dry.

#### **TECHNICAL DATA – typical values**

**Packaging:** Durable, recyclable plastic pails of 20kg nett and 220kg plastic drums.

**Base:** VAE emulsion with additives      **Solids Level:** 55.5%      **T<sub>g</sub> :** 0 °C      **pH:** 5

**Viscosity:**      a) 2700cP at 20 °C      b) 5000cP at 5 °C      c) n/a

**Coverage Rate:** very variable due to substrate but typically 1 litre will cover 5 m<sup>2</sup> g dependent on application method.

**Softening Point:** 120 °C      **Open Time:** 5 minutes      **Setting Time:** 2 minutes

**Typical Application Temperature:** 10 °C to 30 °C. Do not apply wet adhesive below 5 °C .

**Working Time:** Approximately 5 minutes once applied, depending on ambient conditions.

**Shelf Life:** at least 1 years in unopened containers.

**Clean Up:** for best results clean up using warm soapy water before product dries.

**SAFETY DATA SUMMARY:** The wet adhesive contains anti fungal agents which may cause skin contact irritation in some individuals. It is therefore recommended to wear suitable gloves to protect the skin from wet contact as well as eye protection to avoid splash injury. Once dry the product poses no chemical hazard. For further information refer to Safety Datasheet for details.

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