Table 29.1. Selected adhesives and recipes.

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| --- | --- |
| **Selected Adhesives** | |
| **Adhesive** | **Recipe (all parts by weight)** |
| Lineco + Methocel A4C | EVA dispersion + cellulose ether 5% in water (9:1) |
| Mowilith DHS S1 + Methocel A4C | PVA dispersion + cellulose ether 5% in water (9:1) |
| Sturgeon glue + Wheat starch paste (precooked) | Animal glue 20% + starch paste 13% in water (1:1) |
| Sturgeon glue + Arbocel BWW 40 | Animal glue 25% + cellulose fibers (20:1) |

Table 29.2. Material details and manufacturers.

|  |  |  |
| --- | --- | --- |
| **Adhesive Materials** | | |
| **Product** | **Manufacturer** | **Details** |
| Lineco Neutral pH Adhesive  (abbreviation: Lineco) | Preservation Equipment Ltd. | Declared as PVA, but FTIR shows EVA with high amount of vinyl acetate.    Identical products: PEL Neutral pH Adhesive / Arcare J55 Neutral pH Adhesive. |
| Mowilith DHS S1 | Celanese Emulsion GmbH | Homopolymeric PVA dispersion. |
| Methocel A4C | Dow Chemical Company | Methyl cellulose ether.  Alternative: Benecel A4C, Ashland Inc. |
| Sturgeon glue | Störleim Manufaktur | Obtained from dried swim bladders according to {Flock 2014|, A.5.2} (see table 30.1). |
| Gaylord wheat starch (precooked) | Gaylord Bros. | Cold soluble due to preglottalization.  Alternative: Precooked wheat paste No. 301, Talas. |
| Arbocel BWW 40 | Rettenmeier & Söhne GmbH & Co KG | Same manufacturer for all other mentioned Arbocel types. |
| Beva 371 film (25 µm) | CPC Conservator‘s Products Company | Purchased via Deffner & Johann GmbH. |
| Evacon-R | Conservation by Design Unlimited | Compare to updated company name Conservation by Design (CDX) International.  FTIR shows EVA with high amount of ethylene. |
| **Test Fabric** | | |
| **Type** | **Manufacturer** | **Details** |
| Pattina L 13 puro lino (pure linen) | Tessitura Enrico Sironi | Weave structure analysis presented by {Flock 2020|, 451}. |