ALFA Klebstoffe AG

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Characteristics of ALFAST 653

Adhesive:

ALFAST 653 is a very fast setting solvent free water based adhesive system for bookbinding.

Bond:

ALFAST 653 is suitable for all papers. Excellent pull values on coated stock.

Application:

Roller, wheel or electronic controlled nozzles can be used.
Proved for Baumer HHS Vario Systems.
It can be used on both the spine and side of books, brochures etc.
The adhesive works by high pressure on the back and side and after only 1 second the cover is bonded; after 5 – 10 seconds page pull strength is achieved; after 40 – 60 seconds the product can be trimmed as by PUR-hot-melt.

Properties:

ALFAST 653 has excellent ageing, light and water resistance.
The glue film is transparent. Good high-low temperature tolerance.

Specifications:

Content:	softener free dispersion
solid content:	approx. 53 %
pH-Wert:	ca. 7...8
Viscosity Brookfield RVF, Spindel 4, 20 U/min:	approx. 3000 mPas
Storage:	minimum +5°C... and max. +40°C. Store in a dry place. Keep tightly closed to prevent loss of moisture. Shelf life of 6 months in unopened container.
Cleaning:	washable with water
Dangerous contents:	None

Frost sensitive! Temperatures below 0°C will destroy the adhesive.

Advantages:

- √ Low cost application equipment can be used.
- √ It is as easy to use as cold PVA adhesives.
- √ Excellent flat plane and high strength.
- √ After 60 minutes the adhesive will reach 90% of maximum pull strength.
- √ Maximum pull values can be achieved up to 10-14 N/cm on coated stock.
- √ Good chemical resistance against dye, varnish, ink etc.
- √ Good high-low temperature tolerance.

Important notice:

In case of any problem, please consult us.

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