

Technical Information

Adhesin Gel 6640



Description: Ready-to-use protein-based adhesive. It shows high initial tack. Adhesin Gel 6640 resists high temperature and humidity levels and shows excellent no-mess handling properties.

Adhesin Gel 6640 may be thinned down depending on the quality of the book binding material. Due to its quick-tack properties it is especially suitable for use on high speed bookcase machine (e.g. Hörauf, Kolbus, Stahl/VBF).

Field of application: Machine made bookcase production

Product specification :

Test Method:

Viscosity: apprm. 2200 mPa.s 60° C, Haake VT 181, 45.2 r.p.m

Solid content: 50.2%

Refractometer value: 57%

pH-value: apprm. 6.5

Properties:

Colour: light brown

Solidification Point: 36.7° C

Setting Time: instantly, very strong

Open Time: short

Bonding properties and processing advice:

Adhesin Gel 6640 is molten in a heatable circulation tank at 55° C – 65° C and usually is applied with an application thickness of 30 - 60 g/m² (dry). Corresponding to a thickness of apprm. 18 - 36 µm.

Please avoid temperatures exceeding 70° C.

The ready for use solution should be consumed within 24 hours.

During drying the glue remains elastic and free of tensions. There is no distortion of the paper.

Dilution:

Addition of Water (%)	0	3	6	9	12	15	18
Refracto-meter value (%)	57.0	55.3	53.6	51.9	50.2	48.5	46.7

Cleaning:

For the cold cleaning of surface soilings on application equipment, conveyor belts or other machine parts Melt-O-Clean can be applied. Melt-O-Clean is based on natural resources and supplies the manual cleaning also in case of strong carbonisations. Before using Melt-O-Clean its suitability for lacquered or synthetic coated surfaces should be tested.

Disposal:

Adhesin Gel 6640 is decomposable and degradable in biological purification plants. Washing water may be discharged into the municipal purification plant.

Security advices:

see Safety Data Sheet

Packaging:

Pileable 20-kg cartons containing 8 polythene wrapped portions of 2.5 kg each.

Storage Conditions/**Shelf Life:**

Storage dry and cool. If storage conditions are observed, there will be a minimum storage life of 6 months.

The information provided herein, especially recommendations for the usage and the application of our products, is based upon our knowledge and experience. Due to different materials used as well as to varying working conditions beyond our control we strictly recommend to carry out intensive trials to test the suitability of our products with regard to the required processes and applications. We do not accept any liability with regard to the above information or with regard to any verbal recommendation, except for cases where we are liable of gross negligence or false intention.

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