

MECOFLOCK® D 587

Screen printable, one- or two-components flocking adhesive

MECOFLOCK D 587 is a dispersion-based, one- or two-components flocking adhesive with improved screen hold-open time, especially suitable for the flocking of wallpapers, paper, gift- and greeting cards and packaging trade. An optimal adherence on critical substrates is achieved by adding 5-10% of MECODUR H 5580 LMC. After drying MECOFLOCK D 587 shows a transparent adhesive film.

APPLICATION

PREPARATION

Stir well before use.

One component: Adhesive is ready to be used

Two components: 100 parts MECOFLOCK D 587
5-10 parts MECODUR H 5580 LMC

Cleaning

Wet: Water
Dry: PREGAN 1014 E

Application method

By the rotary- and flat-screen printing method.

Application quantity:

Coating thickness: The thickness of the adhesive coating mainly depends on the selection of the screen printing fabric. Generally, in order to achieve a good flock adherence, the dried adhesive coat should have 1/10th of the flock length.

Substrate preparation:

In order to achieve a good flock adherence the surface tension of the parts to be flocked should not be higher than 38 mN/m. Furthermore the parts have to be free from any substances which might act as separating agents, i.e. silicone, graphite, oil, dust, grease (fingerprints) etc.

Flocking

Flocking should be carried out immediately after the adhesive coating. The open time of the adhesive depends on various factors and lies between 2 to 4 min approx.

This data sheet is for your information. A legally binding assurance of the product's suitability for a specific purpose cannot be derived from it and no liability can be assumed for any potential damages that may occur. Liability for damages due to a slightly negligent breach of duty on our part or on the part of our legal representative or vicarious agent is excluded. Our liability for damages due to injury to life, body or health is not covered by this limitation of liability. Our products are subject to continuous production and quality control and leave our company in perfect condition.

This product is intended solely for industrial applications and not for use by the end consumer. We recommend to our customers to always test the product themselves since only in this way – also after production – can the freedom from certain substances and the suitability for a particular purpose be verified. The user has to test the product for suitability for the intended application. We reserve the right to modify product specifications. Tests that are not part of the specifications of the product mentioned above have not been carried out. All information applies only to the above-mentioned product obtained from Kissel + Wolf GmbH. It corresponds to our current state of knowledge, but is not a confirmation of a particular application and is not automatically replenished.

All information is valid for a maximum of 12 months from the date stated above (annexes may be provided with their own date). Any industrial property rights as well as existing laws and regulations are to be observed by the recipient of our product on his own responsibility. Intellectual property rights of third parties must be observed. Our terms and conditions of sale and delivery shall apply.

Drying

MECOFLOCK D 587 may be dried at room temperatures (over 20 C°). Before handling the product (i.e. cleaning, finishing, packaging), one should wait not less than 48h after the flocking has taken place. The final curing of the adhesive normally is finished after 72 h (3 days) after flocking.

PLEASE NOTE: The absolute drying- and curing times depend on the actual drying conditions and may differ from the a.m. times.

PRODUCT DATA:

Base	Watery acrylic polymer dispersion
Colour/Look	White, translucent drying
Viscosity	18000 mPas approx. (Brookfield RVT, 20 r.p.m., spindle 6, 20° C)
Solids	44 % approx.
Density	1,04 g/cm ³ approx.
pH-value	8,2 approx.
Hazard advise/ Environmental protection	Please observe the advises given in the safety data sheet
Storage	1 year (at 20° C to 25° C in the original packaging) Beware of freezing! MECOFLOCK D 587 should not come in contact with unprotected metal for a longer period of time.