

Kaiflex Special Adhesive 505 Technical Data

Material	Water-based adhesive for working with every type of flexible Kaiflex insulation (except Kaiflex EPDMplus). Perfect adhesion on metallic priming, no adhesion on asphalt, bitumen or lead oxide red coatings (linseed based oil). Not suitable for use with soft PVC or polyolefins.
Application range	Kaiflex Special Adhesive 515 ECO was developed specially for the low/no VOC bonding of flexible Kaiflex insulation systems (with the exception of Kaiflex EPDMplus) in order to meet specifications such as DGNB, LEED and BREEAM.
Base	Polymer dispersion, mineral filler, additives and conservation agent, water
Colour	Beige
Service Temperature	Optimum processing at +20 to +25 °C, min. +15 °C surface temperature and relative humidity below 65 %. Low temperatures and high humidity will delay whilst high temperatures and low humidity will accelerate the partial drying, setting and contact bonding times.
Temperature resistance	-30 °C to +85 °C
Characteristics / Application	Apply adhesive on both sides in an evenly thin layer with a brush and allow to flash off at least until the adhesive is almost tack-free on contact. Allow to flash off for 20 - 40 minutes.
Cleaning	Remove adhesive residues while fresh with lukewarm water.
Storage	Shelf life at least 12 months in original packaging when stored in moderately cool conditions. Do not store below +5 °C. Tightly re-seal opened containers and use the contents as quickly as possible. Allow adhesive to reach room temperature before processing.
Shelf Life	min. 12 months
Application	Surfaces to be bonded must be dry and free of dust or grease. The substrate to be bonded must have at least the processing temperature of the adhesive (see above). The drying time is noticeably longer at lower temperatures. Surfaces must be completely and evenly wetted with adhesive.
Attention	Further information on safety, handling, transport and disposal can be found in the corresponding safety data sheet.
Health & Safety	If possible, collect and reuse product residues. Do not allow product to enter drains, water courses or soil. Containers that have been emptied of residues, scraped out or are drip-free can be recycled. Containers with liquid and collected liquid product residues are special waste. Containers with hardened residual contents are construction site waste.

All values are based on results obtained under typical conditions of use. Recipient of these technical specifications are to check with Kaimann in advance if given values are meeting the specifications of intended area of application.

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