



## Kaiflex® Special Adhesive 515 ECO

### **Solvent-free adhesive for processing flexible Kaiflex insulation materials**

- Suitable for use in sustainable, green building compliant projects
- Water-based adhesive with flexible open/processing times
- Environmentally friendly and low emission for high indoor air quality
- Free of VOCs; meets the high requirements for occupational safety and environmental protection
- Easy processing thanks to paste-like consistency



## Kaiflex Special Adhesive 515 ECO

### Technical Data

<b>Description</b>	The water-based Kaiflex Special Adhesive 515 ECO has been specially developed for solvent-free (VOC-free) bonding of Kaiflex flexible insulation systems (except Kaiflex EPDMplus) to optimally meet e.g. DGNB, LEED or BREEAM specifications. The special adhesive is suitable for processing all flexible insulation materials (except Kaiflex EPDMplus). Perfect adhesion to metallic substrates, no adhesion to asphalt, bitumen or Mennige coatings (linseed oil based). Not suitable for/on soft PVC and polyolefins.	
<b>Base</b>	Polymer dispersion, preservative, mineral fillers, additives and water	
<b>Colour</b>	Beige	
<b>Temperature resistance</b>	-30 °C to +85 °C	
<b>Application temperature</b>	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.	
<b>Characteristics / Application</b>	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.	
<b>Cleaning</b>	Remove adhesive residues while fresh with lukewarm water.	
<b>Storage</b>	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.	
<b>Shelf life</b>	min. 12 months	
<b>Application</b>	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.	
<b>Attention</b>	Further information on safety, handling, transport and disposal can be found in the corresponding safety data sheet.	
<b>Health and Safety</b>	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.	