

## Kaiflex Special Adhesive EPDM Technical Data

<b>Description</b>	Kaiflex Special Adhesive EPDM is a premium quality, single component, synthetic rubber based adhesive with special additives and tackyfier. It is specially formulated for porous surfaces.	
<b>Application range</b>	Kaiflex Special Adhesive EPDM is specially formulated for bonding Kaiflex flexible insulation systems (based on EPDM).	
<b>Base</b>	Synthetic modified rubber (Chloroprene rubber).	
<b>Colour</b>	Yellow-Red	
<b>Solid %</b>	25 ± 3	
<b>Consistency</b>	Viscous liquid	
<b>Service Temperature</b>	Ideally + 20°C, do not use under +5 °C. At temperatures lower +5 °C or relative humidity over 85 % condensate can occur to a heightened degree on the surfaces to be bonded or on the adhesive film.	
<b>Temperature resistance</b>	-50 °C to +150 °C	
<b>Water Resistance</b>	Excellent	
<b>Chemical Resistance</b>	Good	
<b>Coverage</b>	Approximately 4 sqm/liter bonded area. To get optimum coverage always keep the containers tightly closed to prevent solvent evaporation.	
<b>Storage</b>	Store frost-protected in a cool, dry and ventilated location, between +5 °C and +35 °C. Store under cover, protect from direct sunligh, high temperature and freezing. Keep away from heat, sparks, flame and other source of ignition. Keep container closed.	
<b>Shelf Life</b>	Shelf life is up to 12 months in an unopened container when stored as directed. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.	
<b>Application</b>	Before use adhesive should be thoroughly stirred. Surfaces to be adhered together must be clean, dry and free of any dust or grease. Use a brush with short stiff bristles (e.g. Kaiflex brush can). Apply a thin even layer of adhesive to both surfaces. Allow the adhesive to become dry to touch. This will take 4 to 8 minutes, depending on ambient conditions, surface area and thickness applied. The drying time of adhesive will be adversely affected with high humidity (greater than 85 %) and low temperature (less than +5° C). Check the adhesive surface using the finger test. If the finger does not stick to the surface and the surface does not feel tacky, the joints should be closed. Press both surfaces to be bonded together under firm pressure. Joints made with Kaiflex Special Adhesive EPDM shall be allowed a curing time of 36 hours at room temperature. Never allow to cure in bright sunlight. Never use the adhesive whilst installation is in operation. Leave adhesive joints for 36 hours before going life of the installation or before applying additional labour.	
<b>Caution</b>	Adequate ventilation must be maintained, particularly in confined spaces. Due to the volatile nature of the solvent, keep away from any source of ignition such as pilot lights or sparks. Prohibition of smoking must be rigidly enforced in the vicinity of use.	
<b>Health &amp; Safety</b>		<p>As with all chemicals, caution should always be exercised. Protective clothing such as gloves and goggles should be worn. Inhalation: Inhalation of vapour or mist should be avoided. If inhaled symptoms include coughing, wheezing, laryngitis, and shortness of breath, headache, nausea, and vomiting. Immediately shift victim to fresh air and if needed immediately start artificial respiration. Give oxygen if breathing is laboured. Get emergency medical help.</p> <p>After inhalation If inhaled, immediately take the affected person to fresh air. Give sufficient oxygen. If not breathing give artificial respiration. Get medical attention if symptoms develop.</p> <p>After skin contact Rinse with running water and soap. Remove all contaminated clothing.</p> <p>After eye contact In case of contact with the eyes rinse immediately with plenty of water and seek immediate medical attention.</p> <p>After ingestion Do not induce vomiting, seek medical advice immediately.</p> <p>Precaution Please refer to the appropriate material data sheet (MSDS) prior to using this product.</p>

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.

© Kaimann GmbH | Subject to change without notice.