

KAUFIX KN15

PRODUCT DESCRIPTION

It is a water-based, one-component flexible contact adhesive.

AREAS OF USE

Insulation of air conditioning ducts, ventilation ducts with rubber sheet, Rubber pipe insulation applications, Tank insulation applications with rubber sheet, Bonding of synthetic rubber based insulation materials.

APPLICATION

Surface Preparation: Application surfaces should be cleaned from dirt, dust, oil and free particles by chemical and mechanical methods.

Product Preparation and Application: The product is ready to use in its packaging. Thinning is not performed. It should be mixed thoroughly before use. Avoid application in areas exposed to strong sunlight and wind. The ideal application environment should be between 20°C - 30°C and humidity should not exceed 70%. The adhesive should be applied with a brush or roller on both surfaces in a thin and homogeneous layer, leaving no open areas. It should then be left to dry for a while. 12 - 60 minutes depending on ambient temperature and humidity. After slightly drying, once both surfaces appear transparent, the pieces to be bonded should be tightly joined. Here, it is very important to apply the adhesive on both surfaces. Because in some applications, adhesive is applied only on one surface. This process makes it difficult for the material to adhere and weakens the strength. Applying adhesive to both surfaces will increase the value and durability of the insulation and create compatible surfaces. The adhesive reaches its full bond



strength after approximately 72 hours, depending on weather and humidity conditions. The system must not be operated before this period expires and self-adhesive tape or protective coatings must not be applied during this period.

FEATURES, ADVANTAGES

- ◆ It is compatible with metal and galvanized surfaces. For painted surfaces, a compatibility test should be carried out.
- ◆ It is an environmentally friendly product due to its very low VOC values.

HEALTH AND SAFETY INFORMATION

- ◆ Please consider the hazard and precautionary statements indicated on the product packaging.
- ◆ Follow the guidelines specified in the product's safety data sheet.
- ◆ In case of unexpected health issues, consult the nearest healthcare facility.

TECHNICAL SPECIFICATIONS

Color	Gray
Gloss	-
Appearance	-
Density (20 °C)	1,10 – 1,15 gr/ cm ³
Dry Film Thickness	-
Solid Matter (% Weight)	-
Viscosity (25 °C)	-
PH (25 °C)	-
Elongation at Break	-
Water Transmission Rate	-
Heat Strength (°C)	Max. +100 °C / Min. – 30 °C
Application Temperature (°C)	+20.+30 / %70 humidity
Application Apparatus	Roller, brush
Thinning Rate	-
Amount of Use m ² /kg	0,200– 0,250 kg (single surface)
Drying Time (20°C) 55% Humidity	Initial Curing: 6 - 10 minutes Minimum Curing Period: 12 - 60 minutes Minimum Adhesion time: 72 hours
Packaging	15 kg - 3 kg Plastic bucket
Storage Temperature	It should be stored in a place not exposed to direct sunlight, protected from frost, in closed packaging at 5 °C - 35 °C. Protect from frost. If the product freezes, even if it is subsequently heated, it loses its properties and cannot be used again.
Storage Duration	8 months
Quality Certificate	ISO 9001

