

PRODUCT SPECIFICATION *HERTALAN® KS137*

**DESCRIPTION** *HERTALAN® KS137* is a ready-for-use contact adhesive for overlapped adhering of *HERTALAN®* EPDM rubber roof membranes and rolls. The product can also be used for adhering surfaces when *HERTALAN®* EPDM rubber has to be adhered onto a flat, dry base (such as wood, concrete, metal or *HERTALAN®* EPDM rubber).

**TECHNICAL DATES**

Type of product	: Adhesive based on a synthetic rubber and synthetic resins, dissolved in inflammable organic solvents.
Appearance	: Black.
Viscosity (20 °C)	: 3,500 ± 500 mPas.
Flashpoint	: < 0 °C (closed cup).
Density (20 °C)	: 860 ± 10 kg/m <sup>3</sup> .
Dry solids	: 45 ± 2%.
Dry film	: Highly elastic.
Shelf life	: 12 months, provided that the adhesive is kept in the original unopened can.

**PROPERTIES** *HERTALAN® KS137* creates a strong bond between two layers of *HERTALAN®* EPDM rolls or sheets or when adhering *HERTALAN®* EPDM membranes to a suitable base. The adhesive bond is elastic and waterproof. *HERTALAN® KS137* should be applied to both sides. When it has completely dried the adhesive bond is resistant to temperatures from -40°C up to 80°C.

**DIRECTIONS FOR USE**

General  
*HERTALAN® KS137* is ready-for-use and must not be thinned or mixed with other products. The adhesive must only be processed in dry weather conditions at temperatures of at least 5 °C. The material and the base to be glued must also be dry and clean. *HERTALAN® KS137* should be applied with a stiff brush or fleece roller.

Adhering the overlap

The width of the overlap must be at least 100 mm. Apply *HERTALAN® KS137* to both contact areas over a minimum width of 80mm leaving a 20mm clear strip at the exposed edge, the *KS137* must be generously applied on two sides with a stiff brush using a circular motion or with a fleece roller.

Allow the *KS137* to dry for between 5 to 15 minutes (dependent on temperature) until the adhesive is touch dry. Carefully place the *HERTALAN®* together avoiding wrinkles, air bubbles, creases and tension. Thoroughly roll across the joint using a silicone roller. To the remaining 20mm. apply *HERTALAN® KS96* up to the *KS137* and between the membranes. After applying the *KS96*, roll along the length of the seam, to give a final thickness of 1mm.

### Adhering surfaces and edges

After applying adhesive to both the HERTALAN® EPDM membrane and the base using a stiff brush or fleece roller, wait for at least 5 - 15 minutes (until the adhesive is touch dry) before bringing the adhered surfaces into contact with each other. Roll well after joining.

### **SURFACE**

HERTALAN® KS137 can only be applied to bases that have been clean, dry and free from oil and grease. The bases will not be harmed by the solvent and must also be free from sharp edges or points. This type of adhesive is not suitable for applying to polystyrene foam or weak PVC.

### **ADHESIVE**

The adhesive usage will amount to approximately 500 g/m<sup>2</sup> (applied on two sides), depending on weather conditions and temperatures.

### **CLEANING**

Equipment and tools can be cleaned with refined petrol

### **OPEN TIME**

The open time depends on the temperature and air humidity. In normal conditions it is advised not to apply more adhesive than can be covered in 5-15 minutes

### **CURING**

Approximately 12 hours after adhering the bond will be strong enough to bear a load and will have reached the maximum strength and heat resistance within approximately 1 week.



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