

hertalan ks87 Lap Sealant

hertalan ks87 is a general purpose sealant that must be used in conjunction with ks137 and ks2000 for sealing of seams in ***hertalan-hertalan*** joints, it can also be used to seal ***hertalan*** edges to other substrates such as concrete, stone etc. It can also be used as a waterproof barrier between roof trims and ***hertalan*** sheeting.

The following guidelines should be observed when using ks87:

- When the sealant is being used between layers of ***hertalan***, it should be applied to a thickness of 1mm.
- Where the sealant is applied to form a water repellent ridge, the substrate must be clean dry and dust free.

Throughout this document we shall refer to the relevant chapters where further details can be found for each product, these are:

- Chapter 11: ***hertalan ks87***, ks96, ks137, ks143 & ks2000
- Chapter 12: ***hertaled***
- Chapter 13: ***hertalan*** easy.weld
- Chapter 14: ***hertalan*** S
- Chapter 15: ***hertalan*** Flashing & Flashweld
- Chapter 16: ***hertalan*** easy.tex

Hertel Rubber products have developed a number of adhesives for bonding ***hertalan***, there are different adhesives for a variety of applications. Some of the adhesives are used in several applications and operatives should check in advance of the suitability of each adhesive for the intended method of application.

hertalan ks137 Contact Adhesive

hertalan ks137 is a contact adhesive which is applied to both surfaces, it can be used on both vertical and horizontal substrates, and it can also be used for:

- a) Bonding ***hertalan*** to ***hertalan*** (seams);
- b) Edge fixing to a variety of substrates (Concrete, Timber, Steel, Bituminous products and Faced Insulation Materials);
- c) Bonding to other materials such as Aluminium, lead, etc.

Splicing/jointing of ***hertalan*** to ***hertalan*** is always possible with ks137 irrespective of the age of the material, this makes ks137 the ideal solution to repair works.

hertalan ks143 Bonding Adhesive

hertalan ks143 is a bonding adhesive that is applied direct to the substrate, ks143 is only suitable for use on horizontal substrates with slopes of less than 15°. The substrate can be either, Timber, Bitumen, or Concrete. We do not recommend bonding direct to steel with ks143 and some faced and non-faced Insulation Sheets. (See Chapter 7)

hertalan ks2000 Lap Adhesive

hertalan ks2000 is a lap Adhesive that can only be used for jointing hertalan to hertalan and only then when the material is new, ks 2000 must not be used to repair old roofs under any circumstances.

hertalan ks96 Adhesive Sealant

hertalan ks96 is a specially developed high quality Adhesive Sealant, it is a durable, solvent free, one component adhesive sealant used for bonding hertalan to Timber or Concrete. Special instructions and guidelines are available for ks96 (Chapter 11).

Chapter 2 **Product Specifications**

***hertalan*[®] EPDM**

hertalan is a synthetic rubber membrane, made from a specially developed compound based on EPDM (Ethylene Propylene Diene Monomer).

Quality Aspects

- ✓ Long Life: +35 years for the system
- ✓ Application without naked flame
- ✓ Rapid installation utilising pre-fabricated membranes
- ✓ Biologically and Ecologically safe in construction applications
- ✓ Low maintenance (see chapter 10)
- ✓ On-site thermal welding is possible with ***hertalan*** easy.weld & easy.flashweld
- ✓ Certified quality meeting the following standards:
 - **BBA**
 - **KOMO –UEAtc – Product certificate # K4276**
 - **ATG 1957**
 - **DIN 7864 – certificate**
- ✓ High tensile strength and elongation at break
- ✓ 100% ozone and UV – radiation resistance
- ✓ Permanent elasticity
- ✓ Resistant to many chemicals (List available on request)
- ✓ Resistant to root penetration (FLL approved in accordance with DIN 4102 T7)
- ✓ Self extinguishing (NEN 6383)
- ✓ Bitumen resistant
- ✓ Excellent temperature stability from – 40 to + 120°C

Dimensions

- ***hertalan*** easy.cover membranes are pre-fabricated, tailor made membranes up to 2000m². The standard thickness for use as roof covering is 1.2mm. ***hertalan*** easy.cover is also available in thickness of 1.5 & 2.0mm.
- ***hertalan*** S is manufactured in rolls 25 metres long and in a variety of widths from 100mm to 1400mm. Thickness options available are 0.75 – 1.0 – 1.2 – 1.5mm.
- ***hertalan*** easy.stick is supplied in 20 metre long rolls in widths of 250, 500 & 750mm. ***hertalan*** easy.stick can be ordered either 1.3mm or 1.7mm thick.
- ***hertalan*** easy.weld is supplied in 25 metre long rolls and can be ordered either 1.2mm or 1.5mm thick. ***hertalan*** easy.weld MF is supplied in widths of 700 & 1400mm. ***hertalan*** easy.weld basic is supplied in a width of 1400mm.