

# Kerabit Bitumen Shingles



# Kerabit - Top quality from Finland



## Benefits of Kerabit Shingles

- 100 % waterproof when properly installed
- good heat and frost resistance
- quiet – indoors you cannot hear the rain or wind
- appearance of the roofing lasts over the years: the surface does not rust, become loose or fade
- well suited to roofs in a great variety of shapes, can be installed on roofs with a complex form, leaving only a small amount of waste
- a large selection of accessories
- there are plenty of options – there is a aesthetically suitable option for any roof
- durable; lasts for decades regardless of the location
- Nordic quality

**We have completed Kerabit Shingles family with two new products: Kerabit Easy and Kerabit Premium. Installation of Kerabit Easy is faster and less waste is created since there is no plastic film that needs to be removed. Kerabit Premium is a laminated SBS-modified bitumen shingle. Rectangular shape yet individual variations in pattern and shade combined with the two-layer structure gives the shingle an impressive three-dimensional effect and a lively surface.**

## A simple, yet effective concept

Shingles are manufactured out of high quality raw materials in accordance with the EN544 standard, using new equipment. All products are SBS modified, which makes them extremely durable and elastic and gives them good heat and frost resistance. The material is light and does not weigh down the roof structure.

The self-adhesive bitumen on the underside of the shingles guarantees that they are 100% waterproof and extends the life of the whole roof structure.

## Easy to install

The minimum roof slope is 1:5, except for laminated shingles Kerabit Premium it is 1:3. The roofing can be laid on a substrate of tongue-and-groove boards or building boards suitable for the purpose. Kerabit product guarantee for shingle roofs requires an underlay to be installed beneath the shingles across the whole roof surface.

The elastic material makes installation easier, and the product is well-suited even to roofs with very complex forms. The shingles are attached by nails, which do not remain visible. On the bottom of the shingles, a layer of self-adhesive modified bitumen ensures a firm bondage between the shingles. Installation should be carried out according to the instructions in the package.



# Bitumen roofing is solid and effective

## Suitable for all roofs

Bituminous roofing is suitable for all roofs.

In this brochure we present Kerabit Shingle roofing, which is suitable for pitched roofs with inclination at least 1:5 (Kerabit Premium 1:3). Kerabit product range also includes triangle batten roofing and joint-sealed roofing. Kerabit Dual is suitable for balconies and terraces. See product info and installation instructions on our website.

Lower slope roofs should be installed by a professional because torchable products are used there.

## A solid wood underlay affords a tight and sturdy structure

A bitumen roofing is always laid on a solid wood decking, which will increase tightness, reinforcing the structure of the entire house making it sturdier.

An underlay is installed under the shingles, as the shingles themselves form a discontinuous roofing, as do steel and tile. A triangle batten roofing is a traditional discontinuous roofing for a pitched roof, working without underlay.

## Secure and efficient

Elasticity is of special importance in changing weather conditions and particularly in roofs with complex forms. Durable and elastic SBS modified bitumen is used as an insulating layer and adhesive surface for Kerabit bituminous roofing.

## Affordable cost

Considering the overall structure, the costs are of the same order as for steel and tile roofing. Moreover, for a do-it-yourself builder, bitumen roofing is easy to install and work with.

## New roofing on top of the existing one

A new bitumen roofing can be installed on top of an existing bitumen roof if the old roofing is smooth, intact and well secured to the understructure. Also check that the understructure is healthy and that the roof is well ventilated.

An underlay is installed between the existing roofing and the top membrane, so that the seams of the existing roofing cannot be seen through the new roofing.

## Contents

Benefits of Kerabit Shingles	2
Bitumen roofing is solid and effective	3
Kerabit K+, S+ and L+	4
Kerabit K Easy	18
Material consumption tables	26
Accessories	27







## Shingle roofing is suitable for complex roofs

Bitumen shingles are suitable for roofs with a slope of 1:5 or steeper. The shingles will be to their best advantage on roofs with a complex form. Shingles are equally well suited to new construction and renovation.

### Three models – many colours

The Kerabit product range includes shingles of three shapes:

- traditional model K+
- wavy model S+
- rectangular model L+

The shape of the shingle significantly affects the appearance of the roof. The traditional K and wavy S are shapes where the pattern is symmetrical. The different sizes of the tabs in the rectangular L make the pattern lively. L model is particularly well suited to modern construction.







## Kerabit K+, S+, L+



## Colour samples



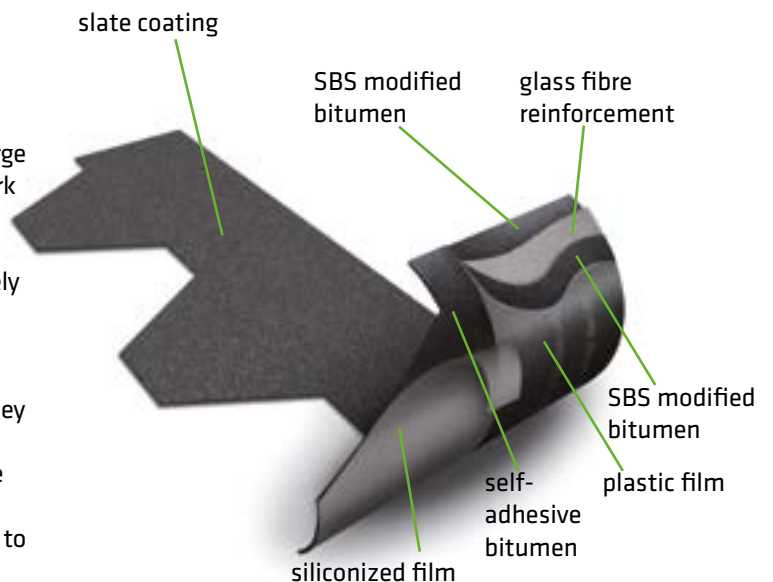
**Note.** For photographic and printing-technical reasons, the colour patterns shown here are indicative only and may differ from the actual products.

\* Products will be removed from our selection. Please check availability!

### What is needed for a shingle roof

- building board suited for the purpose or tongue and groove roof boards as a decking
- Kerabit 2200 UB, 2400 UB or 700 UB underlay
- Kerabit K+, S+ or L+ bitumen shingles
- Kerabit Eave Flashing for lower eaves and Kerabit Verge Flashing for gable eaves, colour options black and dark grey
- Kerabit Eaves Strip for lower eaves
- Kerabit Ridge Vents and Ridge Vent Strip, alternatively Ridge Shingles.
- Kerabit Valley Membrane for chimney upturns and possible valley
- triangle batten for gable eaves and around the chimney
- Kerabit Sealing Adhesive
- roofing nails for fixing the underlay, valley membrane and shingle roofing to the decking
- nails for fixing the fascia boards and triangle battens to the decking

### Structure of Kerabit shingle





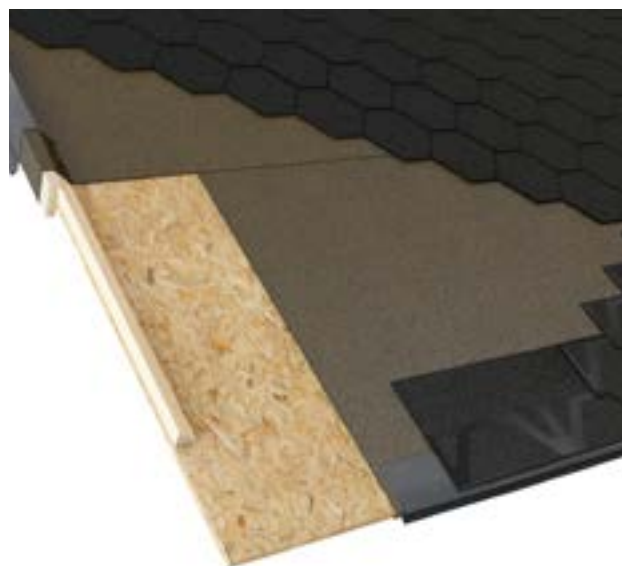
## Fast and ecological shingle roofing

Kerabit K Easy is an alternative that is faster and more ecological than the traditional shingle. When installed, the roofing looks the same as traditional K-model shingle roofing, but installation is faster and less waste is created since there is no plastic film that needs to be removed.

### **Colour is black**

Kerabit K Easy comes in black colour. There is an eaves/ridge shingle specially designed for Kerabit K Easy available. Other accessories are the same as for regular shingles.

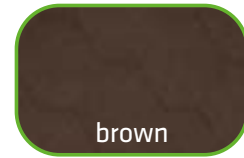
One package of Kerabit Easy is enough for 3 m<sup>2</sup> of roofing. Eaves/ridge shingle package is enough for 15 m of eaves or 7,4 m of ridge.







## Colour samples



**Note.** For photographic and printing-technical reasons, the colour patterns shown here are indicative only and may differ from the actual products.



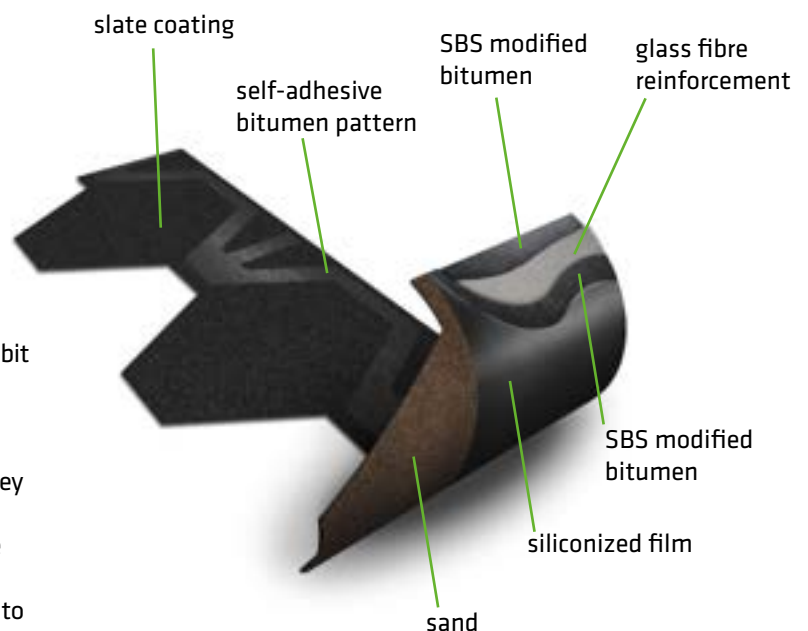
## Kerabit K Easy



### What is needed for a Kerabit K Easy roof

- building board suited for the purpose or tongue and groove roof boards as a decking
- Kerabit 2200 UB, 2500 UB or 700 UB underlay
- Kerabit K Easy bitumen shingles
- Kerabit Eave Flashing for lower eaves and Kerabit Verge Flashing for gable eaves, colour options black and dark grey
- Kerabit Eaves/Ridge Shingles Easy for lower eaves
- Kerabit Ridge Vents and Ridge Strip, alternatively Kerabit Eaves/Ridge Shingles Easy or Kerabit Ridge Shingles
- Kerabit Valley Membrane for chimney upturns and possible valley
- triangle batten for gable eaves and around the chimney
- Kerabit Sealing Adhesive
- roofing nails for fixing the underlay, valley membrane and shingle roofing to the decking
- nails for fixing the fascia boards and triangle battens to the decking

### Structure of Kerabit Easy shingle



# Material consumption tables

## Bitumen shingle roofing

Product	Package contains	Gain yield / package	Need for nails (25x2.8 mm)	Average need for sealing adhesive / 100 m <sup>2</sup>
<b>Kerabit K+, S+, L+ and K Easy 1:5 or steeper</b>	22 pcs	3.0 m <sup>2</sup>	50 g/m <sup>2</sup>	3 l
Kerabit 2200 UB underlay membrane or Kerabit 2400 UB underlay membrane or Kerabit 700 UB underlay membrane	1.0 x 15 m 1.0 x 10 m 1.0 x 30 m	12.7 m <sup>2</sup> 8.8 m <sup>2</sup> 25.0 m <sup>2</sup>	20 g/m <sup>2</sup> 20 g/m <sup>2</sup> 20 g/m <sup>2</sup>	1 l 1 l 1 l
Kerabit Valley Membrane Note! Please remember to reserve underlay membrane also for valley / valleys	0,75 x 10 m	consumption: length of the valley + 50 – 70 cm	18 g/lm (about 15 pcs/lm)	- 1 l / m <sup>2</sup>
Kerabit Ridge Shingle	45 pcs	11,25 l m/package 4 pcs/lm	25 g/lm	-
Kerabit Eaves Strip	0.25 x 10 m	10 lm	-	
Kerabit Easy Eaves / Ridge Shingle	15 pcs/45 pcs	15 lm on the eave, 7,4 lm on the ridge	10 g/lm eave 40 g/lm ridge	
Kerabit Ridge Vent (1:1 – 1:5)	12 pcs	0.58 lm/pc	6 pcs/vent	-
Kerabit Ridge Vent Strip	0.32 x 10 m	9.95 lm	-	-
Kerabit Eaves Flashing/Verge Flashing	2 m	1.95 lm/pc	20 g/lm eave	-

## Wood decking of bitumen roof, suitability of materials

Span of rafters, k/mm	Thickness of tongue and groove roof board, mm (width 95 mm)	Thickness of plywood, mm	OSB Board, mm
600	20	12	15 or 18
900	23	15	18
1200	28	19	-

## Dimensioning of roof ventilation

Roof area, m <sup>2</sup>	50	75	100	150	200	250
Ventilation gaps under eaves, m <sup>2</sup> (2 ‰ of roof area)	0.10	0.15	0.20	0.30	0.40	0.50
Ventilation space, mm	100	100	100	100	100	100
Exhaust of ventilation air: Roof inclination > 1:1 – 1:5 or exhaust-air outlets, m <sup>2</sup> (2.5 ‰ of roof area)	Ridge vent 0.13	Ridge vent 0.19	Ridge vent 0.25	Ridge vent 0.38	Ridge vent 0.50	Ridge vent 0.63
Exhaust of ventilation air: Roof inclination 1:6 – 1:10 exhaust air vents, m <sup>2</sup> (2.5 ‰ of roof area)	0.13	0.19	0.25	0.38	0.50	0.63



# Accessories

## Kerabit Underlay membranes

Kerabit underlays are modified bitumen underlay membranes with glass fiber or polyester felt as a carrier. The top and bottom surfaces are coated with sand. The adhesive sections are located on the top and bottom surfaces, on opposing sides.

Product sizes:

Kerabit 2200 UB 1 x 15 m, Kerabit 2400 UB 1 x 10 m and Kerabit 700 UB 1 x 30 m

## Kerabit Eaves Strip

Kerabit Eaves Strip is a modified bitumen strip for the lower eaves of a bitumen shingle roof. Same colors available as in shingles.

Size: 0.25 x 10 m

## Kerabit Valley Membrane

Kerabit Valley Membrane is a modified bitumen underlay for valleys and chimney and wall upturns. The carrier of the product consists of strong polyester with a modified bitumen coating on both sides. The underside surface is coated with adhesive bitumen, the top with slate granulates. Same colors available as in shingles

Sizes: 0.75 x 10 m, 1,0 x 10 m

## Kerabit Ridge Shingle

Kerabit Ridge Shingle is a modified bitumen ridge shingle for a ridge of bitumen shingle roof. Same colors available as in shingles.

Size: 0.33 x 0.33 m      Package: 45 pcs/11 lm

## Kerabit Ridge Vent

Ridge vents are suitable for roofs with an inclination of 1:1 to 1:5. If you install ridge vents to extend the entire length of the roof ridge in accordance with our installation instructions, you will obtain a 5-year extension to the product warranty of your Kerabit roof.

Measurements: length 0.58 m, width 320 mm, height 30 mm

Package size: 12 pcs

## Kerabit Ridge Vent Strip

Ridge Vent Strip is a modified bitumen strip for covering the Kerabit Ridge Vents. Same colors available as in shingles.

Size: 0.32 x 10 m

## Kerabit Sealing Adhesive

Kerabit Sealing Adhesive is a cold-applied special adhesive for gluing bitumen membranes and shingles. About one liter of adhesive is needed for m<sup>2</sup> (layer thickness about 1 mm).

Package sizes: 0,3, 1, 5 and 10 l



# Kerabit

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