Kerabit

Kerabit K+

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K+ represents bitumen shingles at their most traditional. Despite this, the product is equally suitable for the roofing of modern one-family houses, holiday homes and older buildings. The K model comes with the greatest number of options.

Technical data

Manufacturer / Manufactured for	Kerabit Oy, Lohja plant
Country of origin	Finland
Conformity marking	CE
Reaction to fire	Manifacturer´s declaration of the fire test
Fire Classification	B_{ROOF}(t2)
Manufacturer's declaration of conformity	Kerabit modified bitumen roofing
Waterproofing	Quality control carried out at the Plant quality control and a quality control agreement between the Plant and Eurofins Expert Services Oy
Nominal thickness	approx. 3.2 mm
Nominal weight	3,600 - 4,100 g/m²
Weight of the supportive layer	100 - 120 g/m²
Supportive layer	glass fibre non-woven
Surface type	slate granulates /slag (black)
Surface bitumen	SBS modified bitumen
Bituminous binder	SBS modified bitumen
Colours	red, black, green, brown, grey, brown-black, grey-white, red-black, green-black, copper, amber brown, Midnight Black
Need for materials	1 package / 3 m²
Packages / pallet	42 pcs
Weight / package	20 - 23 kg
Weight / pallet	949 kg

Additional information

Inclination and the underlay membrane

Under bitumen shingles, an underlay membrane (Kerabit 700 UB, Kerabit 2200 UB or 2400 UB) is required. Shingles and strips dedicated for a specific purpose are available for eaves, ridges and other special applications.
Bitumen shingles can be laid directly on top of the underlay membrane, without allowing for any gap for ventilation. The minimum roof inclination is 1:5. Generally, the underlay membrane must meet the requirements set for the product category AKK2 (Kerabit 700 UB, Kerabit 2200 UB and 2400 UB). If the roof inclination is 1:4–1:5, or if the roof has a large number of valleys or other details, the use of underlay membranes corresponding to the product category AKK1 is recommended.

Instructions for use

Bitumen shingles are lightweight and easy to work with. The roofing can be laid on a substrate of tightly joined tongue-and-groove boards or building boards suitable for the purpose. The old roofing may be left in place, providing a substrate over which the underlay membrane can be laid. During storage, shingles must be protected from rain and exposure to sunlight.

Features

Bitumen shingles are constructed of strong non-woven glass fibre reinforcement coated with modified bitumen. Slate or mineral granules on the top of shingles protect them from exposure to weather. On the underside of shingles, a layer of self-adhesive modified bitumen ensures a firm bondage between the shingles. Kerabit K+ bitumen shingles have a traditional, angular shape.

Checklist

→ A substrate of building board suited for the purpose, or of tongue-and-groove roof boards
→ An underlay of Kerabit 700 UB, Kerabit 2200 UB or 2400 UB
→ Kerabit Eave Flashing for lower eaves and Kerabit Gable Flashing for gable eaves; colour options are black and dark grey
→ Kerabit Eaves Strip for lower eaves
→ Kerabit Ridge Vents and Ridge Strip, alternatively Ridge Caps.
→ Cut Kerabit Valley Sheet for chimney upturns and for a possible valley
→ Triangular batten for gable eaves and around the chimney
→ Kerabit Sealing Adhesive
→ Roofing nails for securing the underlay, valley sheet and shingle roofing to the understructure
→ Nails for securing the eaves flashings and triangular battens to the understructure