



IKO STORMSHIELD ROOF SHINGLES

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5 reasons why you should choose IKO roof shingles

1. Extreme weather resistance

IKO roof shingles are highly resistant to any type of weather, ranging from polar temperatures through to tropical heat, moisture and wind. The fibreglass base is very stable and watertight, the exterior is extremely durable and the covering granules provide the ultimate form of protection. Therefore IKO can provide real protection on your roof against hailstorms, gale force winds of up to 220 km/hour, snow and ice, desert heat and UV rays.

2. Lower budget

A light roof structure makes a great difference in the construction of your home. When compared to conventional roofing materials, shingles are much lighter in weight and more flexible, without compromising quality levels at all. IKO roof shingles are very quick and efficient to lay, as their light weight simply adds to the superior quality and they can simply be placed over the existing roof construction with renovation projects.



3. Noticeably stylish

IKO roof shingles are available in a variety of colours and fit in with every type of building style and environment. Because of the colourfast and UV resistant qualities of the product, it maintains its original aesthetic appearance for a very long period of time and easily fits onto any shape of roof. With such flexibility and choice, there are all kinds of creative possibilities waiting to be discovered.

4. Naturally safe

The light weight of shingles also provides a positive ecological effect. The transport weight of the material is light resulting in a much smaller impact on the environment. Also, the various ventilation systems in the IKO programme create optimum air circulation and insulation, both of which are good for your health and result in lower energy bills.

5. Perfect insulation

IKO roof shingles absorb a great amount of noise caused by rain and hail on a roof, making our product the superior option for noise insulation when compared to other materials. It is also much harder for vermin to penetrate shingle roofs, providing additional protection for your attic



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Bitumen is a natural material harvested from specially selected petroleum. It provides excellent water-resisting qualities. Weather and wind do not have any impact on the bitumen at all, which in its set form is very well suited to using as a roofing material because of its flexible nature and great adhesive qualities.



Benefits

- **Self-adhesive shingle**
- **Can be used on steep slope roofs**
- **Excellent protection against wind-driven rain and ice dams**

Quality guaranteed

Our roof shingles meet all European standards for building material when correctly installed. The CE mark is a guarantee of the durability of IKO products that provide complete fire safety, clearly proving the endless advantages we offer.

Additional guarantee

IKO provides much better levels of safety when compared to other shingle producers. Our IKO Platinum guarantee ensures that we will foot the bill for any renovation and repair costs involved with fixing a roof leakage resulting from IKO shingle manufacturing defects. This includes the processing of defective shingles, the purchase of new shingles and installation costs, translating into complete peace of mind for you, under any conditions.



How many shingles?

By using calculations you can estimate the number of shingles that will be needed to complete the job.

Many roof types can be classified into simple geometric shapes such as squares, rectangles, trapezoids and triangles. To determine how many shingles will be needed you must calculate the area of the roof.

This is done by:

Figuring out what geometric shapes make up your roof, calculating the area of the individual shapes.

Then adding up all the areas to give you the total area of the roof.

The area required is then divided by the area each bundle covers.

Don't forget to add allowances for hips and ridges, starter strips, etc.

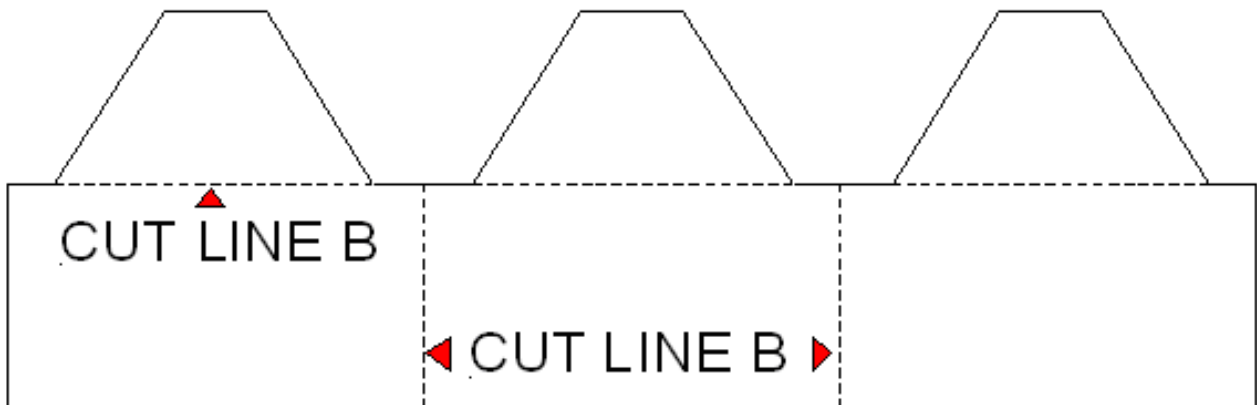
A good approximation is to order an extra 10-15%.

Information you may need

Length	1000mm
Width	318mm
Shingles per pack	22
Packs per pallet	45
Coverage per pack	3m²
Roof pitch parameters	15 to 90 degrees
Colours available	Black, Brown



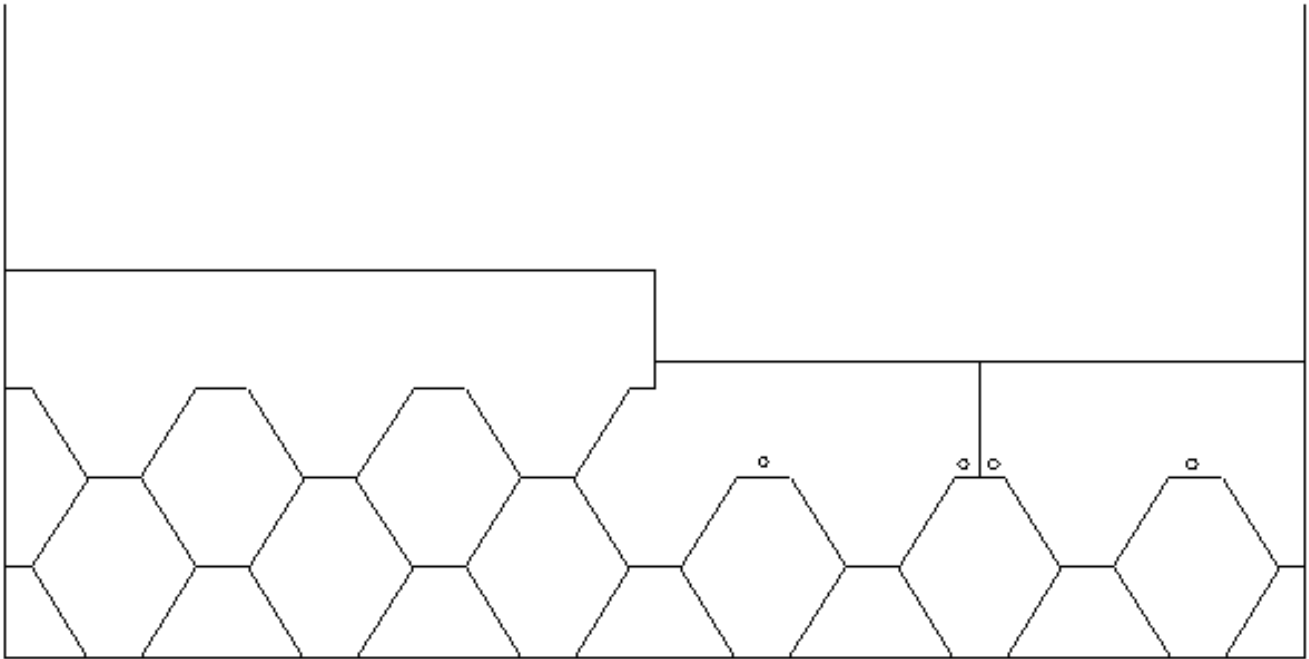
Installation information



To create a starter strip, form a rectangle by cutting with care along Line A with a sharp trim knife as shown in the sketch above. When nailing with clouts, be careful not to damage the shingle by driving the nail too deep. The head of the nail should not indent the shingle surface.

To create ridge strips, form 3 rectangles by cutting with care along Line A and Line B as shown in the sketch above. When fitting ridge strips, start at one end and move along the ridge in the opposite direction of the prevailing wind. Overlap the ridge strips by 60mm approximately. It will take about 8 ridge strips to cover 1 metre of ridge.

Installation information



Place the shingles as shown in the above illustration. For a secure finish it is important to nail the shingles as shown, approximately 25mm in from the edges.