



SuperKatepal[™]

Elastomer bitumen roofing shingles

SuperRocky
SuperKatrilli
SuperKL
SuperJazzy
SuperFoxy



KATEPAL
www.katepal.fi



SuperKatepalTM

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roofing shingles

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Made in
Finland

KATEPAL

www.katepal.fi

Founded in 1949, Katepal Oy is the leading manufacturer of bitumen-based roofing materials and bitumen products in Finland. Katepal roofing shingles comply with the requirements of the European Standard EN 544.



SuperKatepal bitumen roofing shingles offer superior properties to homeowners.

Katepal brings a material formerly only used by professionals, i.e. SBS modified bitumen, to private clients throughout its range of roofing shingles and all colour options.

SBS elastomer bitumen is the true super material for roofing shingles, with superior qualities compared with other bituminous roofing shingle materials. That's why it deserves the name SuperKatepal.

Good bending durability and improved tear resistance

SuperKatepal roofing shingles can withstand repeated bending exceptionally well. This property is particularly valuable at the installation stage when finishing edges and angles.



Elastic even in cold weather

The material of SuperKatepal roofing shingles is elastic even in cold conditions. The ability to withstand cold weather generates material savings and greater flexibility in choosing the time of installation.

Modern bitumen shingles and bitumen membranes have proved to be durable in both scorching tropical and freezing arctic weather conditions. That's why, for example, in the USA, over 80 % of pitched roofs are covered with bitumen roofing shingles!



Material with a long life span

SBS elastomer bitumen is both a strong and durable material that can withstand mechanical and chemical stresses extremely well. Experiences of professional roof installation show that the life span of elastomer bitumen roofing is over double that of ordinary bitumen roofing.

Granular surfacing adheres well

The granular surfacing adheres to the elastomer bitumen of the new SuperKatepal roofing shingles



even better than before. A strong granular surfacing improves the durability of the roof; the SuperKatepal roof keeps its surfacing and colour. Thanks to the rough surface snow stays on the roof and does not fall on pavements or garden plants. In rain and hard wind bitumen roofing shingles are comfortably quiet.

Durability is not the only reason why bitumen shingles are the stylish and intelligent roofing choice of the modern builder. It is the whole system that tips the scales in favour of bitumen shingles – add to durability the great appearance of the new bitumen shingles, ease of installation and maintenance, and reasonable costs – and you will have no difficulty in making the decision.

Super Rocky
Graphite Grey

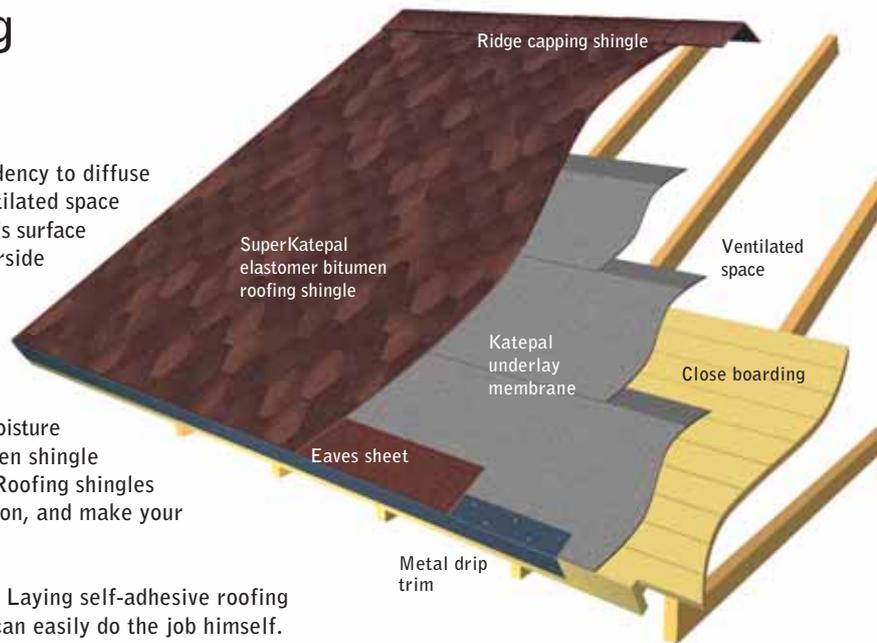


Build right – install roofing only on proper decking.

There is always moisture inside a building and it has a tendency to diffuse outward, also through the ventilated roof space. In this ventilated space humidity may condense on the first airtight cold surface. If this surface is tiles or sheet metal, humidity may condense on the underside of it, freeze and melt in the spring to be absorbed by the insulation or – sometimes it may even seep through the structure and drip inside. If proper ventilation is lacking, the result may be mould damage.

When the roofing is supported by sturdy, close boarding the moisture is absorbed into the wood and gradually evaporates. Bitumen shingle roofing should always be installed on appropriate decking. Roofing shingles and roof deck boarding improve thermal and sound insulation, and make your roof safe, durable and good looking.

Roofing shingles are lightweight, pliable and easy to work. Laying self-adhesive roofing shingles is easy and requires no special tools. The builder can easily do the job himself.



	Tiled roof	Plastic coated sheet metal roof	Elastomer bitumen shingle roof
Durable	●	●	●
Cost efficient	●	●	●
Easy and safe to install, no special tools needed			●
Pliable, easy to shape			●
Lightweight, no added loads on structures		●	●
Waterproof			●
Silent	●		●
Integrates into the landscape	●		●
Keeps snow on the roof	○		●
Wear resistant surfacing, "Keeps its coating"	●	○	●
Added benefits of close boarded roof deck	○	○	●
Safe, functional roofing	○	○	●



SuperFoxy shingles are installed.

Easy calculation of material quantities.



ISO 9001

Katepal roofing shingles are type approved by the Finnish Ministry of the Environment and several other countries where our products are exported. Katepal complies in all its operations with the requirements of a certified ISO 9001 quality system.

Roof pitch

Minimum pitch 1:5, i.e. 12°.

Roof decking

The decking should be built of air-dry, rough-sawn T & G boards or square-edged rough sawn boards. It must be flush, dry and rigid. Roofing shingles can also be laid easily on existing bitumen felt membrane roofing.

Quantity of roofing materials

The needed quantities of roofing materials can be calculated easily using the instructions on the previous page. Please allow for 2% waste when calculating the quantities of roofing shingles.

Quantity of underlay

We recommend use of underlay membrane throughout the roof. SuperKatepal Underlay Sheet or other underlay product manufactured or approved by Katepal is used as underlay. The quantity of underlay needed is 1.15 x the roof area.

Quantity of nails

Each shingle is fixed with four nails. The quantity of galvanised clout nails needed is 0.06–0.07 kg/m² of roof area (nail length 25–35 mm). The nails must be long enough to go through the decking.

Quantity of lap cement

The following quantities of Katepal K-36 sealant are needed for sealing joints:

- Chimney base: 3 litres/chimney
- Verges: 0.1 litres/metre of verge length
- Valleys: 0.4 litres/metre of valley length
- Underlay jointing: 0.1 litres/m² of underlay (not for self-adhesive underlay)



Colour and shape count.

				
				
BEDROCK RED	AUTUMN RED	RED	RED	RED
				
FOREST GREEN	MOSS	GREEN	GREEN	GREEN
				
BARKWOOD ROWN	BARK	BROWN	BROWN	BROWN
				
GRAPHITE GREY	HEATHER	GREY	GREY	LIGHT GREY
				
BLACK	LICHEN	BLACK	COPPER <i>New colour!</i>	DARK GREY
				
HARBOUR BLUE	FROST			
				
COPPER BROWN	DESERT BROWN <i>New colour!</i>			
				
DESERT BROWN <i>New colour!</i>	GOLDEN SAND <i>New colour!</i>			
				
GOLDEN SAND <i>New colour!</i>	BLUE <i>New colour!</i>			

Roofing shingle visualization

You can test the different types and colours of SuperKatepal roofing shingles on the model building using the roofing shingle visualization programme on www.katepal.fi



For reasons of printing technology these examples may differ slightly from the colours of the actual roofing shingles.

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