



Super KatepalTM

Elastomer bitumen roofing shingles

KATEPAL

www.katepal.fi



Copper Brown SuperRocky roofing shingles. Rocky's new format and overlapping method as well as the matt finish of the mineral surfacing gives your roof a handsome, living appearance. Rocky suits all environments and buildings. You can choose from a range of seven stylish colours.

Front cover:
SuperRocky Copper Brown



A great roofing material in harmony with the landscape enhances the appearance of your house.



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!

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.

Katepal roofing shingles combine the durability of stone and the waterproofing qualities of bitumen with excellent elasticity. Thanks to the staggered assembly all joints are covered, and the roof is waterproof at nailing points and joints. Durability also means that the surface of the shingle does not peel or rust. Snow and ice accumulating on the rough mineral granule surface stay on the roof in the winter and do not fall on pavements or garden plants. In rain and hard wind bitumen roofing shingles are comfortably quiet.



Grey SuperJazzy roofing shingles. Jazzy roofing shingles come in five stylish colours.



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. In addition, SuperKatepal has a far greater tear resistance, e.g. at points where nails are driven in, than previously used materials.

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.



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.



Red Super KL roofing shingles.
The KL range offers you five classic
colours to choose from.



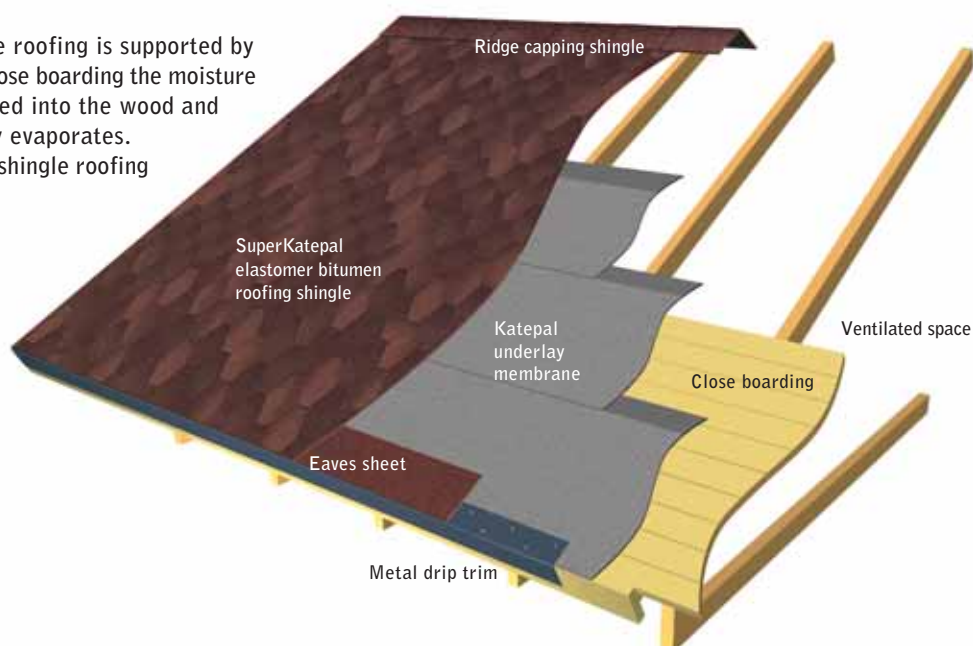
Build right – install roofing only on proper decking.

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.

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.

When the roofing is supported by sturdy, close boarding the moisture is absorbed into the wood and gradually evaporates. Bitumen shingle roofing



The underlay can be made of SuperKatepal Underlay Sheet or other underlay product manufactured or approved by Katepal.

Unique SuperKatepal Underlay Sheet

The strong, tough polyester felt reinforcement of the new SuperKatepal Underlay Sheet gives it excellent tear-resistance.

The high tear-resistance of SuperKatepal Underlay Sheet is especially important in places where nails are driven in and at turns of the roof structure. SuperKatepal Underlay Sheet is elastic and does not crack in these places. A strong underlay is troublefree at all stages of work and can also be worked on in cold temperatures.

The adhesive strips of SuperKatepal Underlay Sheet ensure that the underlay membranes adhere properly to one another. The roof becomes 100% waterproof.

SuperKatepal Underlay Sheet is strong enough so that it alone is enough to protect your roof over the winter. Please contact Katepal for further instructions.

Choosing the underlay membrane for bitumen roofing shingles

Roof shape	Super Underlay Sheet (adhesive edge)	Other underlay felt
Steep sloping roofs, slope > 1:3	X	X
Moderately sloping roofs, slope 1:3 - 1:5	X	X
Demanding or complex roofs	X	
Wintertime protection during construction	X	



Insist on the SuperKatepal label on the underlay packaging from your supplier.

Katepal elastomer bitumen shingle roofing is the right choice for the independent builder.

	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	○	○	●

Colour and shape count.

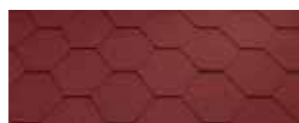
From the range of colours of SuperKatepal elastomer bitumen shingles you can always find a pleasing colour that fits into the surrounding landscape.



BEDROCK RED



AUTUMN RED



RED



RED



FOREST GREEN



MOSS



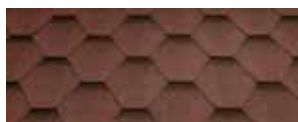
GREEN



GREEN



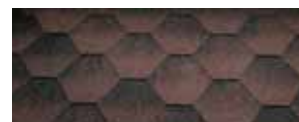
BARKWOOD BROWN



BARK



BROWN



BROWN



GRAPHITE GREY



HEATHER



GREY



GREY



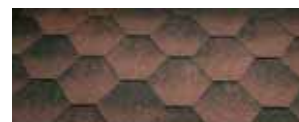
HARBOUR BLUE



LICHEN



BLACK



COPPER BROWN *New colour!*



COPPER BROWN



FROST



DESERT BROWN *New colour!*



DESERT BROWN *New colour!*



GOLDEN SAND *New colour!*

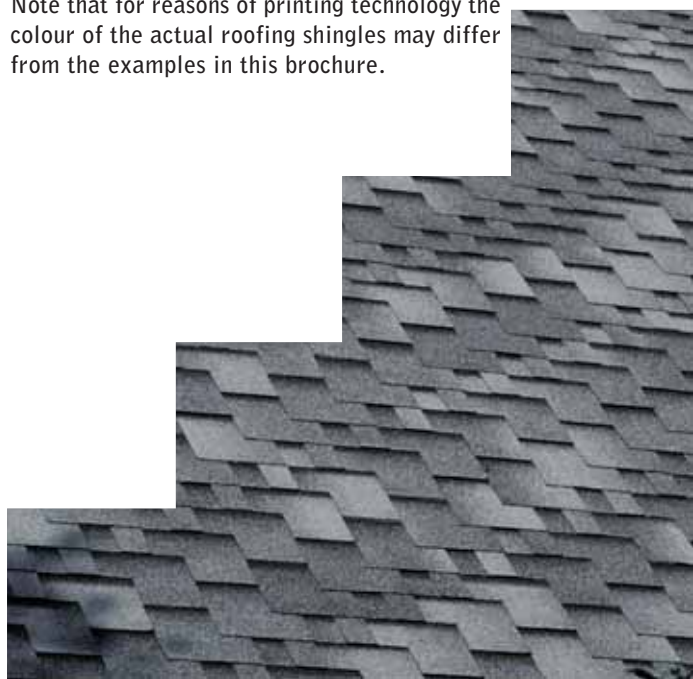


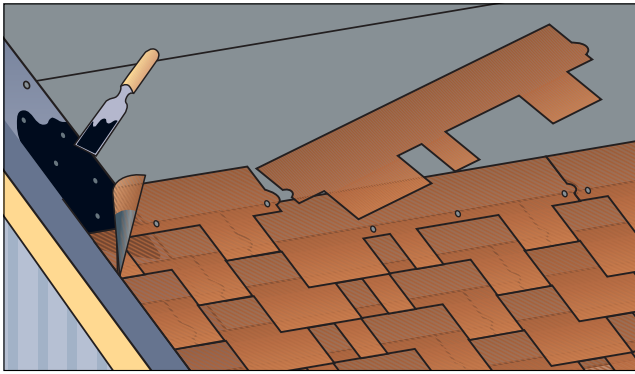
GOLDEN SAND *New colour!*



BLUE *New colour!*

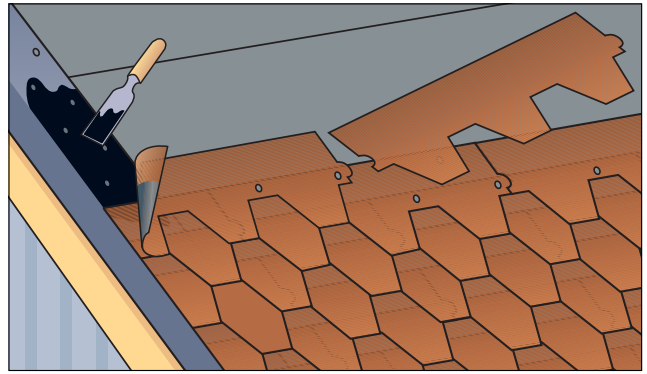
Note that for reasons of printing technology the colour of the actual roofing shingles may differ from the examples in this brochure.





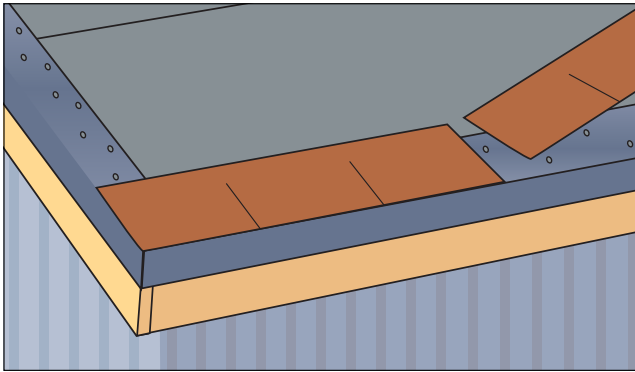
SuperRocky elastomer bitumen roofing shingle

- Shingle dimensions: 1.00 x 0.32 m (22 pcs/pack)
- Area of finished roofing: 3 m²/package, allow for 2% waste.



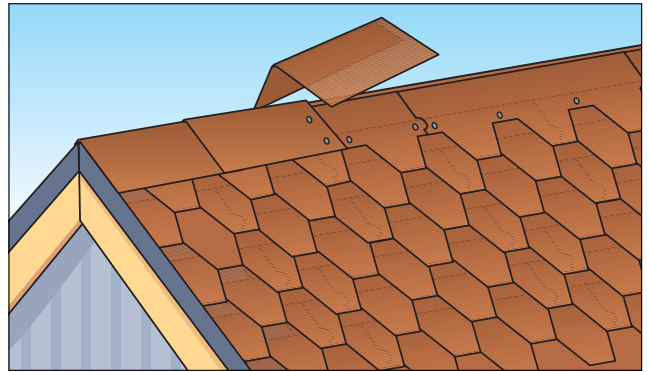
SuperKL, SuperKatrilli and SuperJazzy elastomer bitumen roofing shingles

- Shingle dimensions: 1.00 x 0.32 m (22 pcs/pack)
- Area of finished roofing: 3 m²/package, allow for 2% waste.



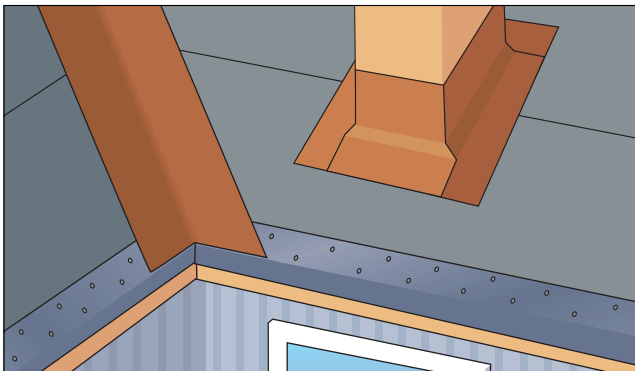
Eaves sheet

- Sheet dimensions: 1.00 x 0.25 m (20 pcs/pack)
- Self adhesive
- The quantity needed equals length of eaves (m).



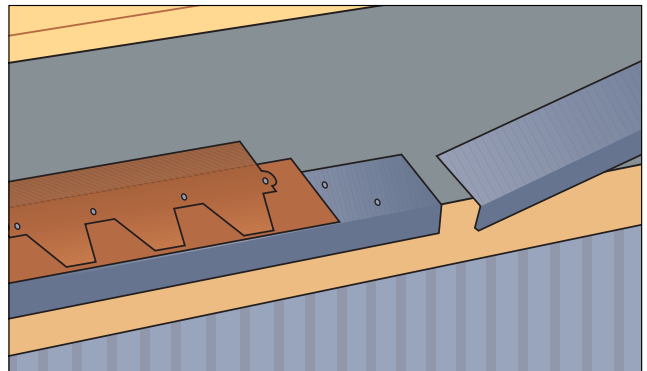
Ridge capping shingle (folded eaves sheet)

- Ridge capping shingle dimensions: 0.25 x 0.33 m (overlap 5 cm, 60 pcs/pack)
- Length of finished ridge: 12 m/pack, used also on hips of hipped and other types of roofs.



Valley strip (SuperPintari)

- Roll size: 10.00 x 0.70 m
- SuperPintari cap sheet is used as the valley strip. The quantity needed equals the total length of valleys and the circumference of chimneys and other major penetrations, plus an allowance for overlaps and waste.



Metal drip trim

- Metal drip trim dimensions: 2.00 x 0.20 m
- Pack contains 10 pcs = covers 19.5 metres of eave
- Colour: black
- Quantity needed equals total length of eaves and verges.

Easy calculation of material quantities.

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.



Choosing the underlay membrane for bitumen roofing shingles

Roof shape	Super Underlay Sheet (adhesive edge)	Other underlay felt
Steep sloping roofs, slope > 1:3	X	X
Moderately sloping roofs, slope 1:3 - 1:5	X	X
Demanding or complex roofs	X	
Wintertime protection during construction	X	

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)



Insist on the SuperKatepal label on the roofing shingle and underlay packaging from your supplier.



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.

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.



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