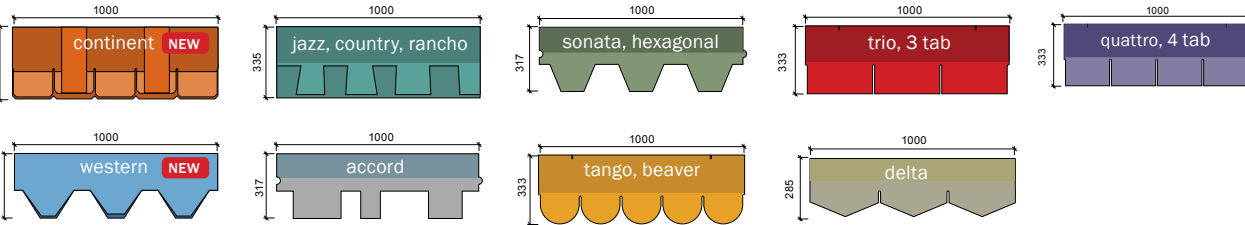


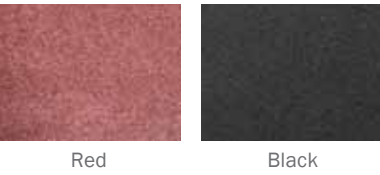
Shapes of SHINGLAS cuts



Self-adhesive roofing

Self-adhesive membrane rolls with a width of 0,5 m. Long lasting protection and easy installation without torches. All you have to do is to unwrap, attach with nails, remove protective film and press!

Colour



Valley membrane

Underlay membranes



Physical and mechanical properties

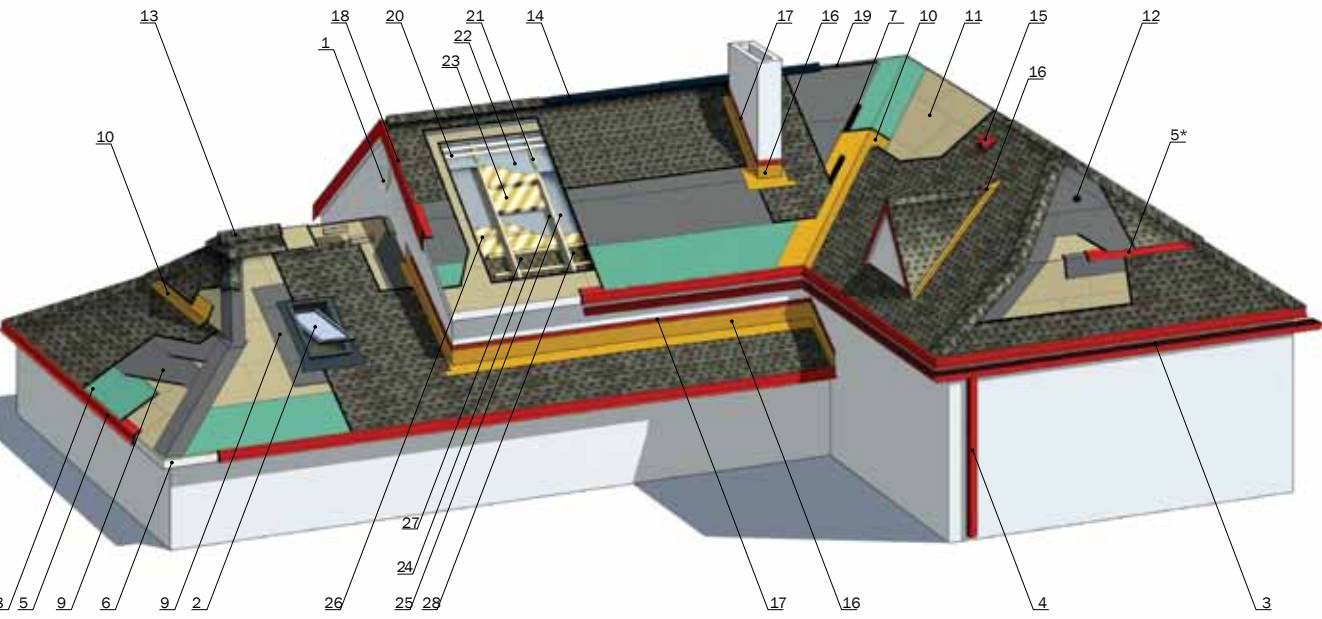
Main physical and mechanical characteristics	Hip and ridge tile	Self-adhesive roofing	Valley membrane MIDA UNIFLEKS EKM	Self-adhesive underlay membrane MIDA SELF PV S2,0s	Underlay membrane ANDEREP PROF	Underlay membrane UNDERLAY PRO 500 stick
Manufacturing standard	EN 544	EN 13707	EN 13707	EN 13707	EN 13859-1	EN 13859-1
Base	glass fibre	polyester	polyester	polyester	polyester	polyester
Type of polymer/modifier	SBS	SBS	SBS	SBS	SBS	SBS
Water tightness	100%	100%	100%	100%	100%	100%
Package of finished roofing	5 m ²	2,5 m ²	10 lm	15 lm	10 lm	25 lm
Package weight	25 kg	8,8 kg	46 kg	43,5 kg	4 kg	12,5 kg
Weight of 1 m ² of finished covering	5 kg	3,5 kg	4,6 kg	2,9 kg	0,4 kg	0,5 kg
Installation method	a	a	b	a	b	a

a – self-adhesion with mechanical fixing to the roof base
b – glued using TechnoNICOL adhesive compound No. 23 (FIXER) with mechanical fixing to the roof base

Quality management system certified to ISO 9001:2008

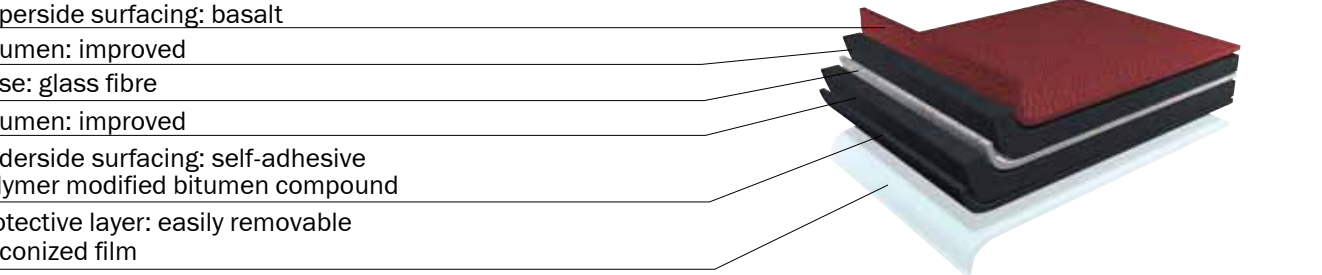


Roof arrangement schematic



- 1. Gable grating
- 2. Dormer window
- 3. Eave trough
- 4. Downpipe
- 5. Hood mold
- 6. Frontal board
- 7. Bitumen adhesive compound
- 8. Self-adhesive membrane
- 9. Underlay membrane
- 10. Valley membrane
- 11. Wood decking
- 12. Hole for ventilation pipe
- 13. Ventilated ridge
- 14. Continuous ridge vent
- 15. Aerator
- 16. Abutment from valley membrane
- 17. Abutment slat
- 18. End slat
- 19. Air gap in solid base
- 20. Thin batten
- 21. Counter batten
- 22. Superdiffusion membrane
- 23. Thermal insulation
- 24. Truss principal
- 25. Vapor barrier
- 26. Counter insulation
- 27. Metal wire d=2 mm, pitch 250 mm, or special screen
- 28. Two layers of gypsum plasterboard

SHINGLAS structure



Physical and mechanical properties

Main physical and mechanical characteristics	SHINGLAS-Continent	SHINGLAS-Western	SHINGLAS-Jazz	SHINGLAS-Country	SHINGLAS-Rancho	SHINGLAS-Ultra	SHINGLAS-Classic	SHINGLAS-Standard	SHINGLAS-Standard Rock
Manufacturing standard	EN 544	EN 544	EN 544	EN 544	EN 544	EN 544	EN 544	ETA 12/0264	ETA 12/0264
Base	glass fibre	glass fibre	glass fibre	glass fibre	glass fibre	glass fibre	glass fibre	glass fibre	glass fibre
Type of polymer/modifier	—	—	—	—	—	SBS	—	—	—
Water tightness	100%	100%	100%	100%	100%	100%	100%	100%	100%
Package of finished roofing	1,5 m ²	1,5 m ²	2 m ²	2,6 m ²	2 m ²	3 m ²	3 m ²	3 m ²	3 m ²
Package weight	26,4 kg	38,1 kg	30 kg	33,8 kg	25 kg	28,5 kg	27,0-33,0 kg*	25,5-31,5 kg*	24,0-30,0 kg*
Weight of 1 m ² of finished covering**	17,6 kg	25,4 kg	13,5 kg	13 kg	12,5 kg	9,5 kg	9,0-11,0 kg	8,5-10,5 kg	8,0-10,0 kg
Installation method	a	a	b	b	b	a	a, b	a, b	a, b

* depends on the shape of cuts (sonata, accord, trio, tango, delta)
** weight of 1 m² of roof covering for roof load capacity calculation; depends on the shape of cuts (sonata, accord, trio, tango, delta)
a – self-adhesion with mechanical fixing to the roof base
b – thermo adhesion with mechanical fixing to the roof base

www.shinglas.com, www.mida.it

Collection

2015



Collection TOP

CONTINENT series EN 544 NEW 60 year warranty



Triple layer laminated shingle CONTINENT – another step to the way of individuality and unique style. Voluminous, relief and exclusive roof sets the new standard for a special house where every detail reflects the character of its owner.

WESTERN series EN 544 NEW 55 year warranty



Patented form, which does not have analogues in the world. Incredible holographic effect, embodied in classics. Beautiful colours and excellent technical characteristics – this is series WESTERN.

JAZZ series EN 544 50 year warranty



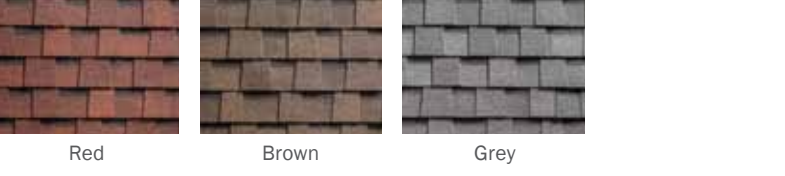
JAZZ series SHINGLAS is a premium product intended for original designer solutions. The multi-layered SHINGLAS has increased strength, wind resistance and durability, and adds volume to a roofing structure.

COUNTRY series EN 544 35 year warranty



Laminated shingles series COUNTRY with extended range of colors help you to realize various architectural ideas and give to your roof wonderful three-dimensional image.

RANCHO series EN 544 NEW 20 year warranty

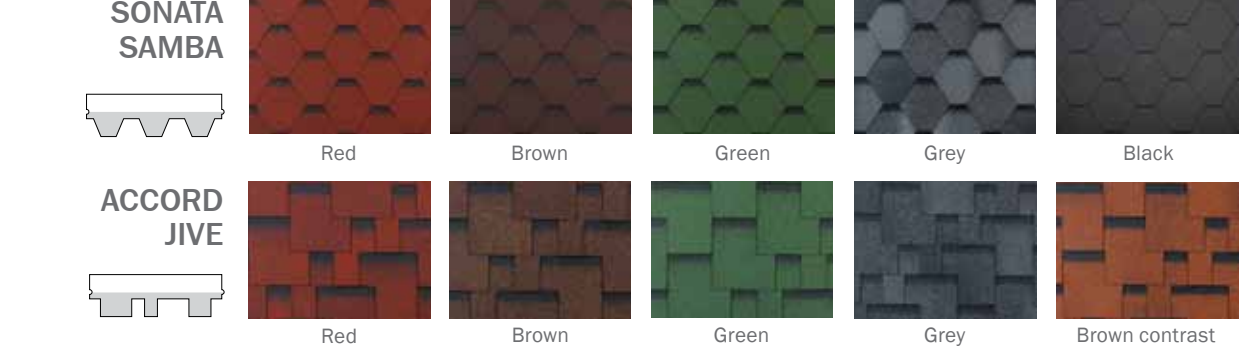


Series RANCHO – the good choice for every house, for every roof. Earlier laminated shingle was considered elite product. Today we make excellent quality and aesthetics affordable to everyone.

Collection ULTRA

ULTRA series EN 544 25 year warranty

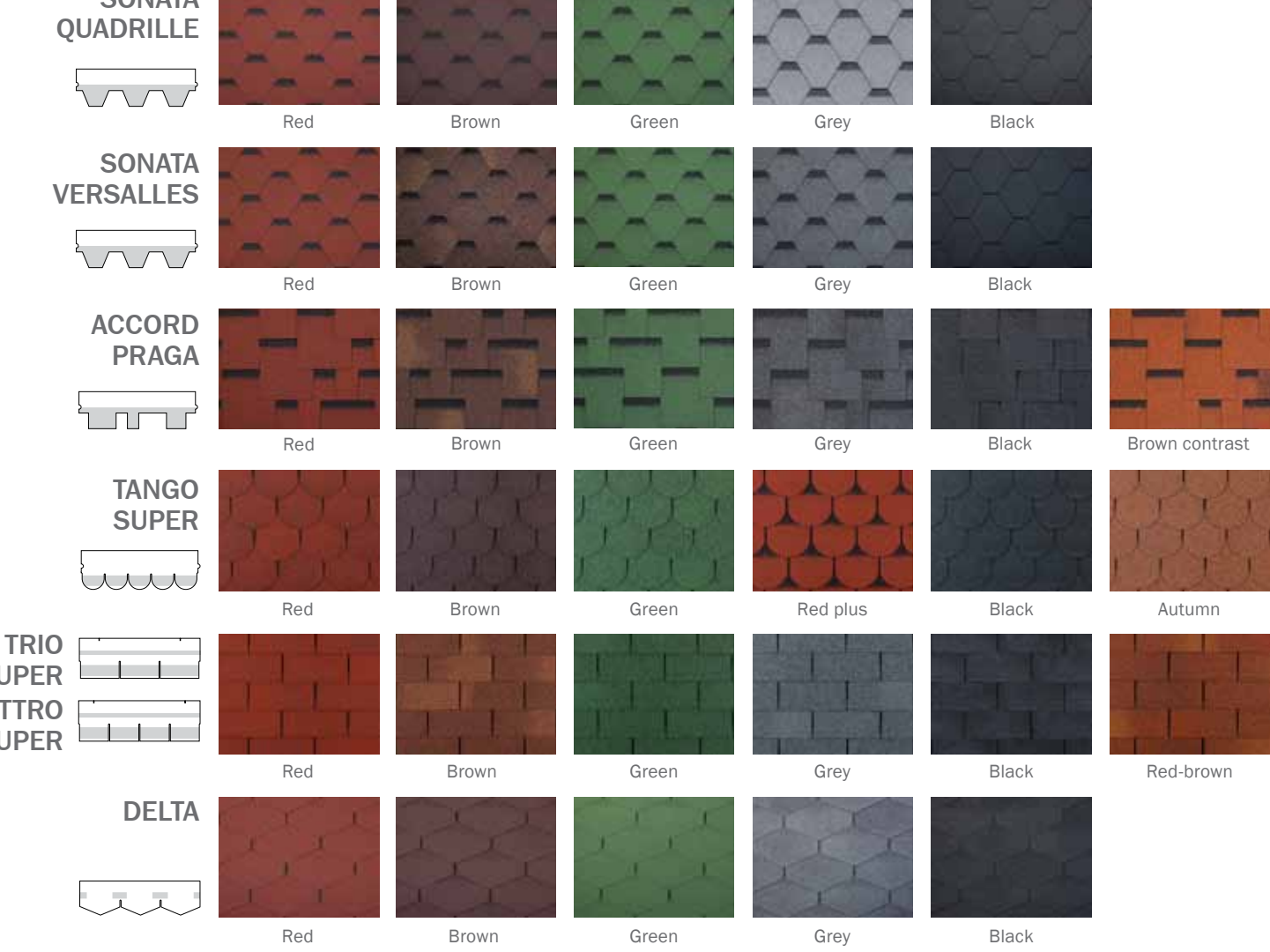
The ULTRA series SHINGLAS is the only shingle made from asphalt using a SBS-modifier which allows the material to attain excellent physical and mechanical properties and improves its frost resistance. Due to it's enhanced elasticity ULTRA is the best choice for very complex construction design.



Collection CLASSIC

CLASSIC series EN 544 15 year warranty

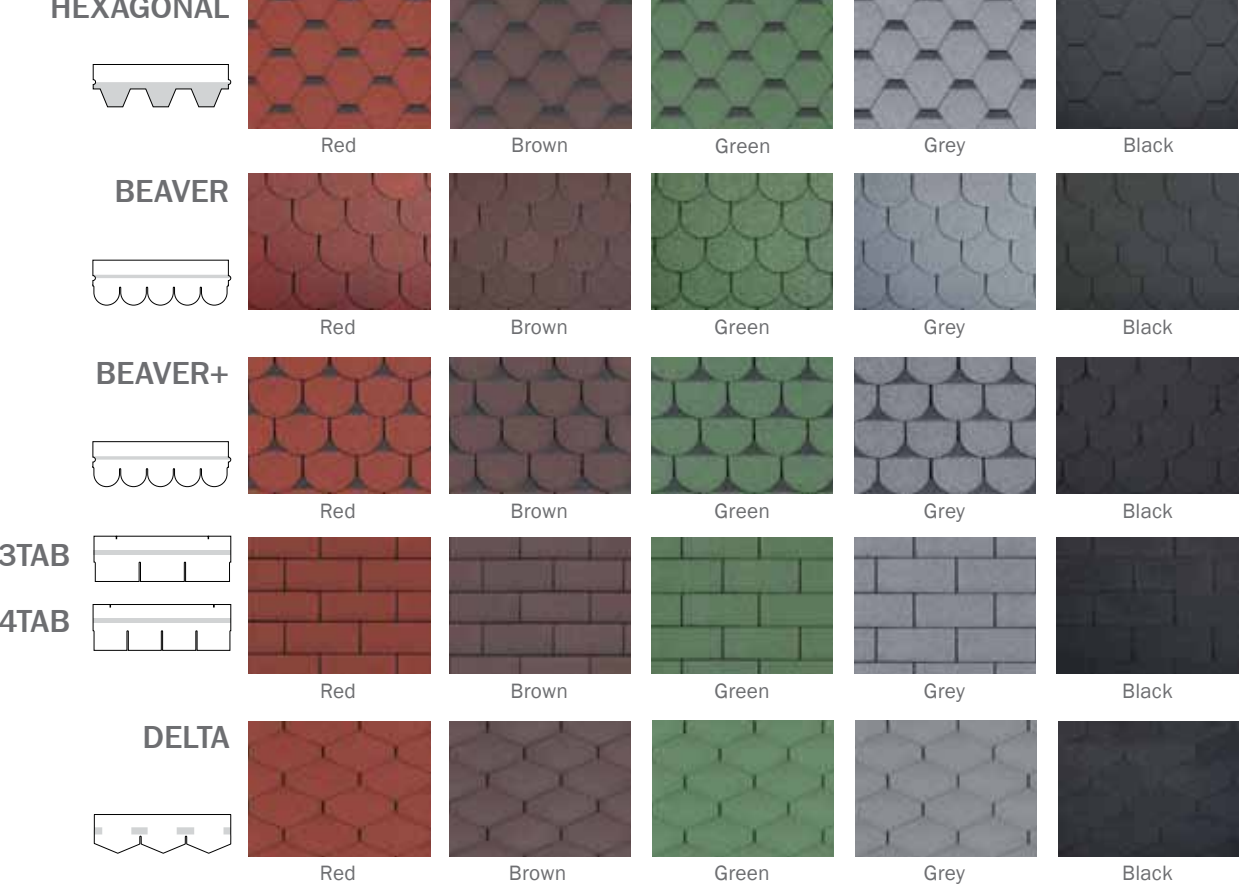
The CLASSIC series SHINGLAS is a time tested traditional product which is very popular due to an optimum price-quality ratio. The CLASSIC series comes in the widest array of colors, making it possible to select roofing to match any architectural design. It is manufactured using a high-quality asphalt binder.



Collection STANDARD

STANDARD series ETA 12/0264 10 year warranty

STANDARD series shingles are available in lots of shapes and colors. Created for people who want to feel confident they're getting the best price.

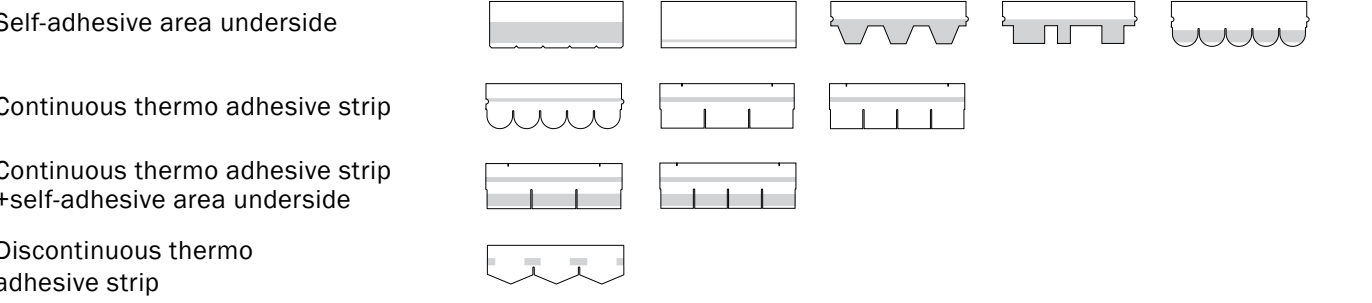


STANDARD ROCK series ETA 12/0264 10 year warranty

Standard Rock series – economical choice with assured quality and reliability.



Types of adhesive systems of shingles



Accessories

Mastic FIXER		Roofing nails TechnoNICOL	
	Application areas: – gluing of seams of flexible shingles and other bitumen-based materials; – binding bitumen-based materials to brick, concrete, metal, wood, ceramic and other surfaces. Operating temperature range from -5° C to +40° C.		Wire nails with circular cross-section. It is used for fixation of bitumen shingles to a wooden base. Also used for mechanical fixation of roofing components. Diameter: 30x3,5 mm
TechnoNICOL continuous ridge vent		TechnoNICOL D110 ventilation outlet	
	It is used to remove excess sub-roof moisture. The hip&ridge shingles matching the basic color of the roof are installed on the ridge vent. This gives a finished aesthetic appearance and makes the ridge vent unnoticeable on the roof. Rate of flow: 1 vent covers ~ 20–25 m². Dimensions: 0,61x0,29 m.		It is used to ventilate the sewer system and to remove all odors and vapors generated by food preparation. We recommend that you use it on the roofs of summer houses. Dimensions: Dof the outlet is 110 mm Hof the pipe is 500 mm Color:
TechnoNICOL KTV ventilation component		TechnoNICOL insulated ventilation outlet, D125/160	
	It is used to remove excess subroof moisture on roofs that are not ridged. It is fixed to the roof by a pass component under the shingles at the moment of their installation. Rate of flow: 1 ventilation unit covers ~ 5–10 m². Dimensions: Dof the outlet is 110 mm. Color:		It is used to ventilate the sewer system and to remove all odors and vapors generated by food preparation. We recommend that you install it on the roofs of structures with year-round occupancy. It is not subject to icing even during prolonged frost. Dimensions: Dof the pipe is 125 mm Dof the pipe (external) is 160 mm Hof the pipe is 500 mm Color:
TechnoNICOL PILOT ventilation component		TechnoNICOL KTV pass component	
	It is used to remove excess subroof moisture on roofs that are not ridged. It is fixed to the roof under the shingles at the moment of their installation. Rate of flow: 1 ventilation unit covers ~ 5–10 m². Dimensions: Dof the outlet is 110 mm		It serves as the basis for the installation of ventilation or sewage outlets. It is fixed to the roof under the shingles at the moment of their installation. Dimensions: passage opening is 25*16 cm, the base measures 57*48 cm. Color:
Self-adhesive sealing band NIKOBAND		TechnoNICOL antenna and pipe seals	
	It is installed together with the roof, with the skirt under the soft roofing. Dimensions: 1. D 10 mm – 75 mm 2. D 90 mm – 175 mm		NIKOBAND is a universal self-adhesive sealing band. The material is easy and convenient to use, and it bonds ideally to concrete, plaster, metal, bitumen, stone, wood and other surfaces. The sealing band is designed for sealing seams and joints, repairing cracks, waterproofing, and corrosion protection. Color: