



TECHNONICOL shingles, Classic series, Quadrille collection

PRODUCT DESCRIPTION:

Single-layer shingles are piece roofing material created on the basis of durable glass-fiber mat impregnated with improved bitumen, with basalt granulate used as a protective layer.

FIELD OF APPLICATION:

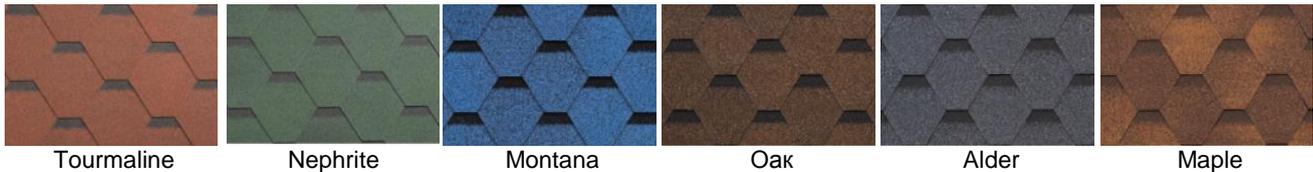
It is used as the main roof covering, with a slope angle from 12° to negative angles. The finished roof pattern is orthogonal.



FEATURES AND ADVANTAGES:

- single-layer;
- improved roofing bitumen.

COLOR OPTIONS:



Tourmaline

Nephrite

Montana

Oak

Alder

Maple

PRODUCT CHARACTERISTICS:

Parameter	UoM	Criterion	Value	Test method
Weight of 1 m ²	kg	-	8.1	Company Standard 72746455-3.5.7-2016
Heat resistance. No melt droplets falling and no displacement of coating layers relative to the base at 110°C	mm	not more than	2	EN 1110-2011
Surface density of the base	g/m ²	not less than	110	ISO 4605-78
Granule loss	g/sample	not more than	1.2	EN 12039-2011
Nail shank tear resistance	N	not less than	100	EN 12310-1:1999
Mass of bitumen	g/m ²	not less than	1,300	EN 544:2011
Type of protective coating on top	-	-	Coarse-grained basalt dressing	Company Standard 72746455-3.5.7-2016
Type of protective coating at the bottom	-	-	Quartz sand + polymer-bitumen adhesive mixture + siliconized film	Company Standard 72746455-3.5.7-2016
Minimum operating temperature	°C	not lower than	-60	Company Standard 72746455-3.5.7-2016
Maximum operating temperature	°C	not higher than	110	Company Standard 72746455-3.5.7-2016

GEOMETRIC PARAMETERS:

Parameter	UoM	Criterion	Value	Test method
Height	mm	±3	317	Company Standard 72746455-3.5.7-2016
Number of layers in a shingle	-	-	1	Company Standard 72746455-3.5.7-2016
Overlap coefficient	-	-	1.85	Company Standard 72746455-3.5.7-2016
Thickness of one layer	mm	±0.2	3	Company Standard 72746455-3.5.7-2016
Width	mm	±3	1,000	Company Standard 72746455-3.5.7-2016

LOGISTICS PARAMETERS:

Parameter	UoM	Criterion	Value
m ² per package	m ²	-	3
Number of pieces in a package (box)	pcs	-	22
Gross weight of a package (box)	kg	-	24.3
Number of packages per pallet	pcs	-	45
m ² per pallet	m ²	-	135

THE WORKS ARE TO BE EXECUTED IN ACCORDANCE WITH:

- [Manual for installation of roofing shingles by TECHNOMICOL: nailing method](#)
- [Manual for installation of roofing shingles by TECHNOMICOL: torching method](#)

TRANSPORTATION:

The product is transported in covered vehicles in accordance with the Rules for the carriage of goods currently in force for the relevant type of transport.

STORAGE:

The product must be stored on pallets, sorted by grade, in a dry, closed room under conditions that ensure the integrity of the packaging and protect it from sunlight. Storage of the material in two tiers is not permitted.

GUARANTEED SHELF LIFE:

18 months from the date of manufacture.