



QUEENTILE

TOTAL SUPREMACY

**STONE COATED
STEEL ROOFING**



MODERN ROOFING SYSTEM

WHAT IS STONE COATED STEEL ROOFING?

STONE COATED STEEL ROOFING

is a modern multi-layer material based on a high quality steel covered with an aluminium zinc protective coating.

Aluminum zinc protective coating is six times more corrosion resistant than other galvanized steel-based types of roofing.

This is why QUEENTILE can offer warranty for 50 years!

The outer surface is covered with natural stone granules.

Adhesion of stone granules with metal surface is provided by a unique acryl-based binder.



WHY CHOOSE STONE COATED STEEL ROOFING?

AS METAL ROOFING,

it is light, durable, fire-resistant, noiseless during rain, with high heat insulation: retains coolness in summer and heat in winter.

AS ASPHALT ROOFING,

prevents avalanche snowfall (no snow retainers needed), fire-resistant material that does not emit an unpleasant odor in the hot season.

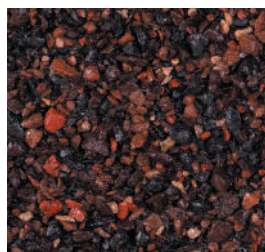
AS CERAMIC ROOFING,

has a premium appearance, but is more resistant to mechanical damage and does not require high cost for a heavy-duty roof frame system.



QUEENTILE STANDARD PROFILE

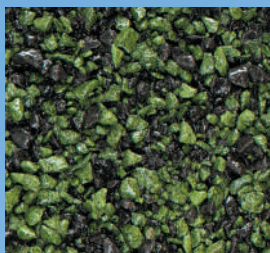
COFFEE



QUEENTILE CLASSIC

PROFILE

GREEN



7 REASONS TO CHOOSE QUEENTILE



Durability

The zinc aluminium layer that covers tile sheet is one of the most important factors to guarantee a long service life. We provide 50-year warranty as zinc aluminium is 6 times more corrosion resistant than traditional galvanized steel.



Color stability

QUEENTILE roofing does not fade in the sun or change its color over time. This UV-protection is achieved through ceramization – coloring of stone granules at 1472 F.



Fire safety

QUEENTILE roofing holds the highest rating as inflammable roofing material (A class). The compliance with the Europe standards is confirmed by CE certificate.



Noiselessness in the rain

The multi-layer tile structure compared to other metal roofing has better sound absorbing properties due to the stone granule layer.



Hail protection

Hail damage is reduced thanks to stone granule layer and 1/64 thick steel.



Wind resistance

Tested in Miami, FL our product can withstand winds up to 165 mph due to our installation method and superior quality.



Easy installation

Thanks to the light weight, stone coated steel roofing requires no cost for a heavy-duty roof frame system, making it repfect option for trouble-free roofing replacement.

QUEENTILE SHAKE

PROFILE

BROWN



WE OFFER MORE THAN YOU EXPECT



QUEENTILE Guarantee

QUEENTILE is the only manufacture who provides guarantee against both metal corrosion and stone granule shedding.

50✓

50 years of warranty – 50 years peace of mind

We provide free roofing replacement throughout the whole warranty period. The compensation amount is not reduced over time and is always 100%.



Certified product

Our roofing is produced in compliance with World Quality Standards. The certificates confirm safe use within Ukraine and Europe.



WARRANTY AND CERTIFICATES



Premium raw materials

We use raw materials from leading manufacturers only.

Steel – Dongkuk Steel, Korea; stone granules – Tegola Canadese, Italy;
binder – BASF, Germany.



Flawless technologies

Automated production line allows to produce roofing material with
maximum accuracy and extremely low error tolerances of 0.03%.

ABOUT US

The QUEENTILE brand was founded in 2014 by MEGACITY, the leading Ukrainian roofing material manufacturer. Today we produce stone coated steel roofing for the whole world: USA, Moldova, India, Norway, Germany, Poland, Estonia, Romania, Hungary, and other counties.

Our roofing is manufactured on an Italian automatized line designed exclusively for QUEENTILE. The production is supervised by technical experts and the finished product undergoes mandatory quality testing.

QUEENTILE'S MAIN GOAL

**Creating first-class product
demanded all over the world.**



OUR MISSION

“We create and develop an innovative product that offers a modern alternative to other types of roofing.

It's very important for us that the QUEENTILE stone coated steel roofing make people feel certain about their right choice. For this we use premium foreign raw material and also conduct annual climate tests based on the BASF chemical group that confirm the durability of our roofing.

While creating the QUEENTILE roofing we perfectly understood the importance of ensuring a flawless quality of a Ukrainian product able to earn trust all over the world. Hundreds of hours of intensive work and thousands of hours of testing led to the creation of a roofing that would meet all of your expectations”.

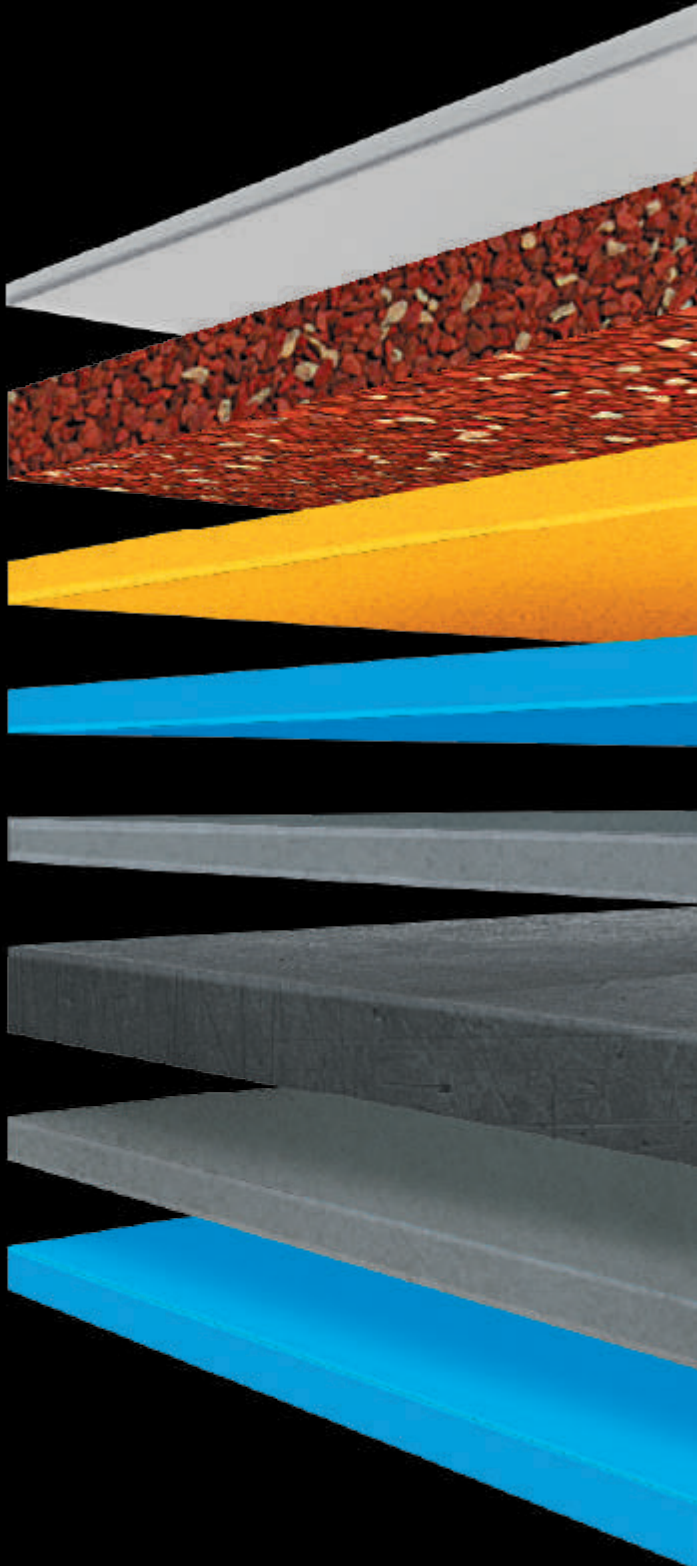
SERGII DEMYDENKO

QUEENTILE Founder
and General Director

A stylized, handwritten signature in black ink, appearing to read 'Sergii Demydenko', with a large, sweeping flourish at the end.

PREMIUM RAW MATERIAL – A KEY TO DURABILITY

Reliability is an unchanging attribute of the QUEENTILE stone coated steel roofing. For our roofing systems we use only quality raw material from world leading manufacturers.



- 1 NATURAL BASALT GRANULES – TEGOLA CANADESE, ITALY**
An original appearance, damage protection, soundproofing.
- 2 ACRYLIC GLAZE – BASF, GERMANY**
Self-cleaning from dust during rain.
- 3 ACRYL-BASED BINDER – BASF, GERMANY**
Firm fixation of the stone granules.
- 4 ACRYLIC PRIMING**
Extra anti-corrosive protection.
- 5 ZINC ALUMINIUM LAYER 0.33/1076.39 sqf**
Anti-corrosive protection.
- 6 STEEL 0.45 MM – DONGKUK STEEL, SOUTH KOREA**
A base that ensures strength and rigidity.
- 7 ZINC ALUMINIUM LAYER 0.33/1076.39 sqf**
Anti-corrosive protection.
- 8 ACRYLIC PRIMING**
Extra anti-corrosive protection.

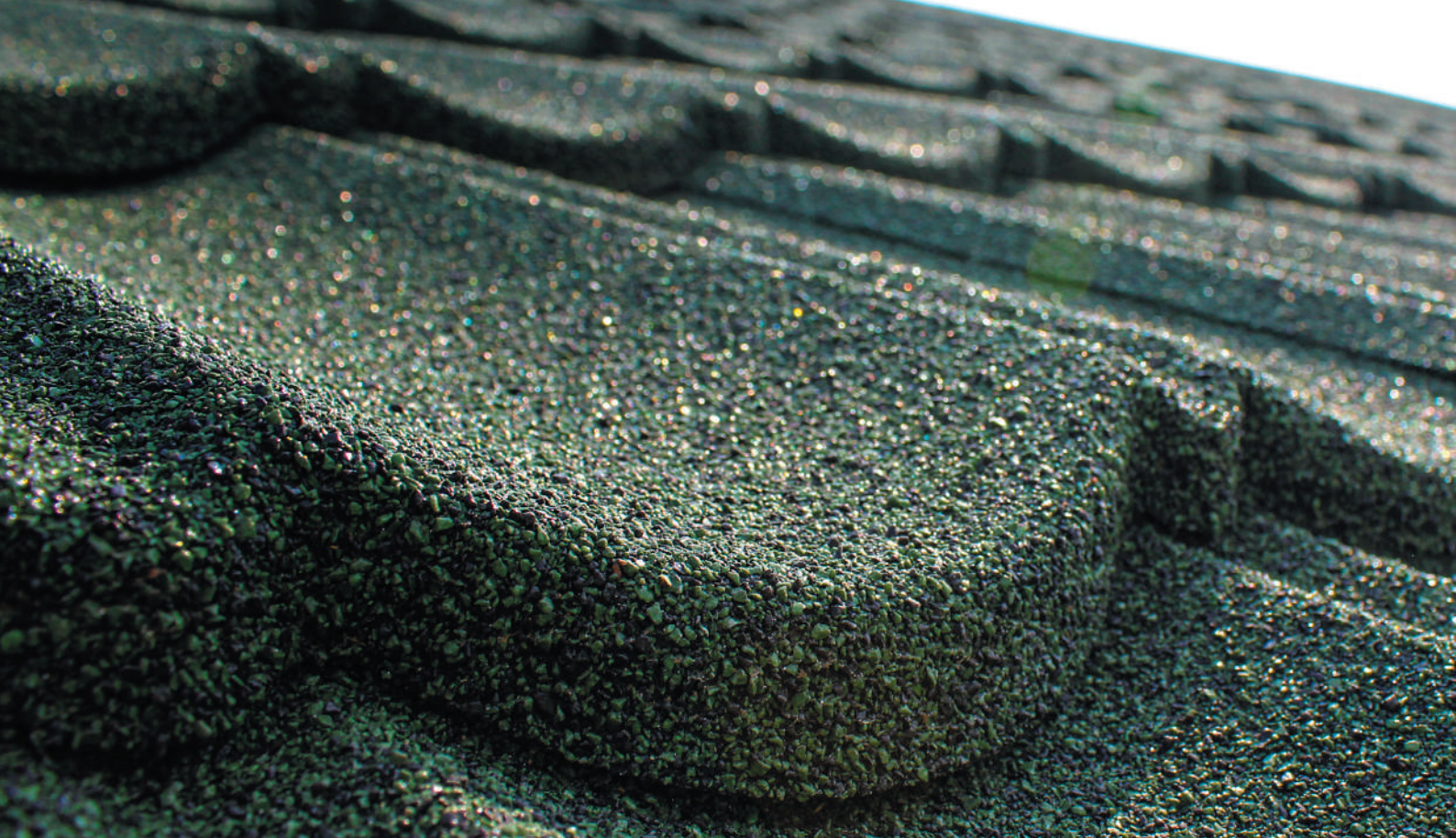
STONE COATED STEEL ROOFING IS BORN HERE

Automated line designed in Italy produces high quality with 99% free of defects.

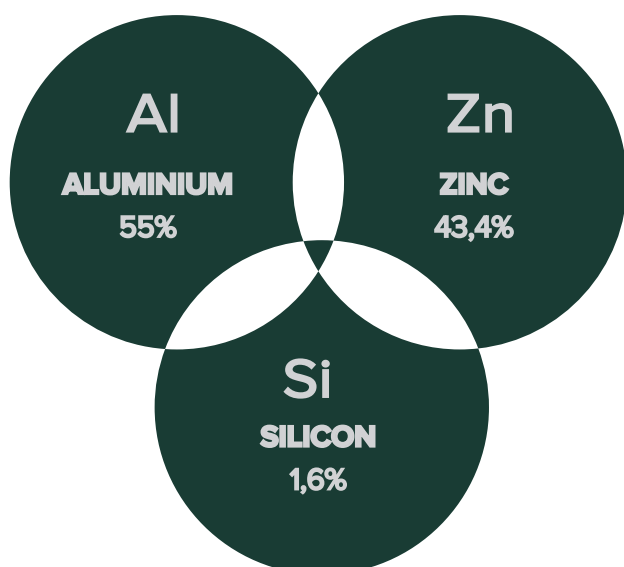


8 stages of production

- 1 Forming of the steel sheet base. An automated line provides the perfect geometrical accuracy.
- 2 Application of the binder onto the steel sheet face. Electronic algorithms determine the optimal thickness and density of the binding layer.
- 3 Covering with natural stone granules. Through a combination of coarse and fine fraction the sheet surface is filled without gaps.
- 4 Blowing the sheet with compressed air to remove excessive granules and form a uniform coating.
- 5 Application of an acrylic glaze layer prevents moss growth and protects from UV light.
- 6 Baking drone granules with the steel sheet provides for a unified bond to prevent stone shedding.
- 7 Curing for 14 days in a dry ventilated location for a maximum fixation of all the layers of the stone coated steel roofing.
- 8 Quality testing through hot shearing, cold bending and wet scrubbing to determine the quality of the produced batch before shipment.



6 TIMES MORE DURABLE THAN GALVANIZED STEEL



Zinc aluminium is one of the secrets of durability of the QUEENTILE roofing. It's a modern type of anti-corrosive coating applied onto both sides of the tile steel sheet.

Zinc aluminium coated steel requires no additional repair and maintenance costs. A roofing with such a protective layer is exponentially more economic than cheaper equivalents.

ALUMINUM	Corrosion resistance.
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ZINC	Corrosion resistance, protection of trim margins and scratches.
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SILICON	Improved adhesion of the anti-corrosive layer with the metal.
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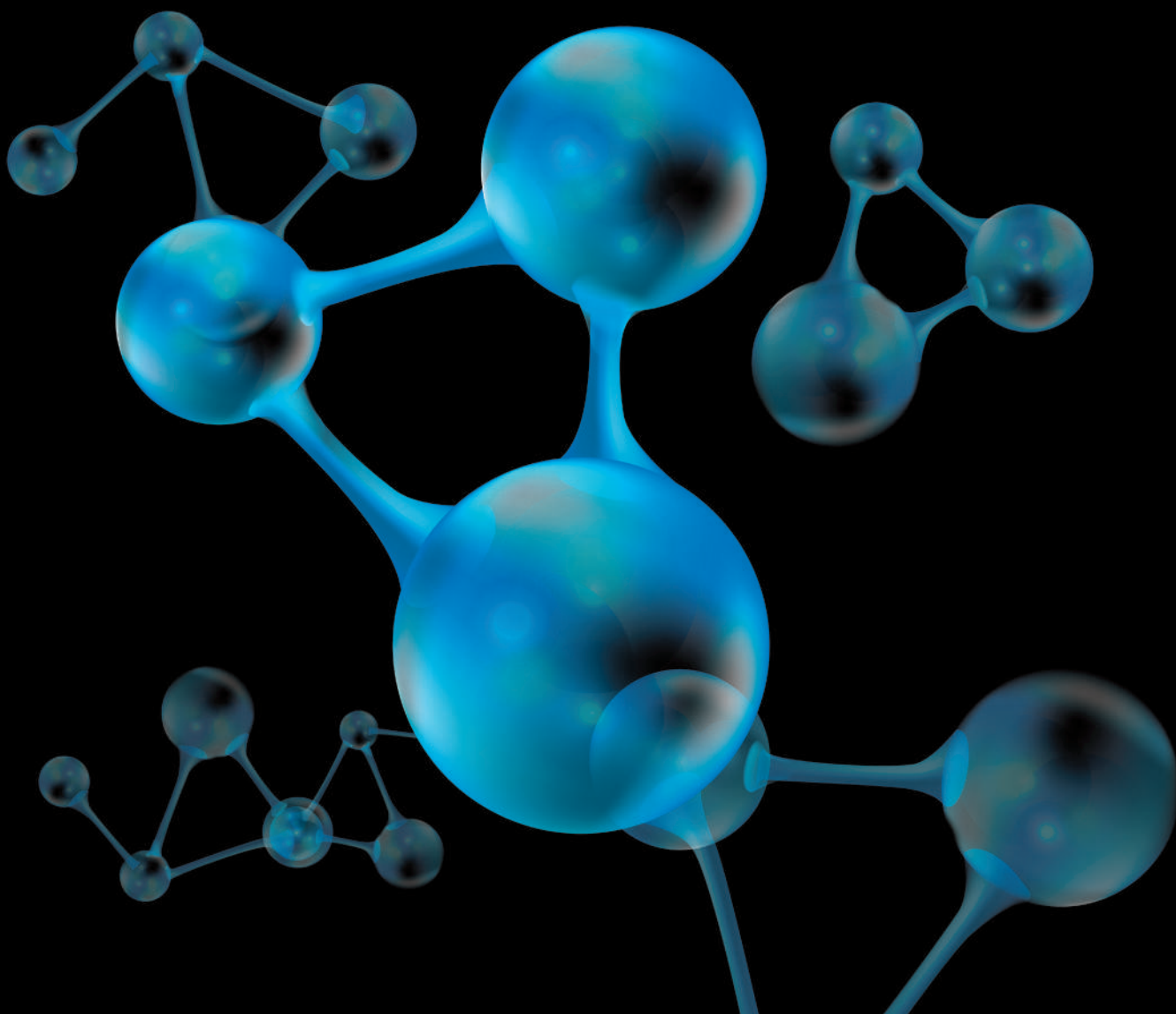


A FIRM FIXATION OF STONE GRANULES

Monolith is a unique acryl-based binder that ensures an extrastrong joint of the stone granules with the steel sheet surface.

This component was designed by the world-renowned BASF chemical group (Germany). The formula is patented and secret. Regardless of the weather conditions, Monolith ensures a firm stone fixation in a wide range of temperatures from -40°F to 176°F.

The binder complements the zinc aluminum protective function preventing metal surface corrosion. Besides, Monolith protects the steel sheets against humidity and UV light.



SUPERIOR COLOR STRENGTH

QUEENTILE stone coated steel roofing uses natural basalt granules. Material with this special type of granules allows almost no fading under Heavy UV light thanks to a special granule coloring technology.

Paint pigments are injected at the temperature of 1472°F which guarantees the stability of the color of the finished material. This process is called «ceramization».

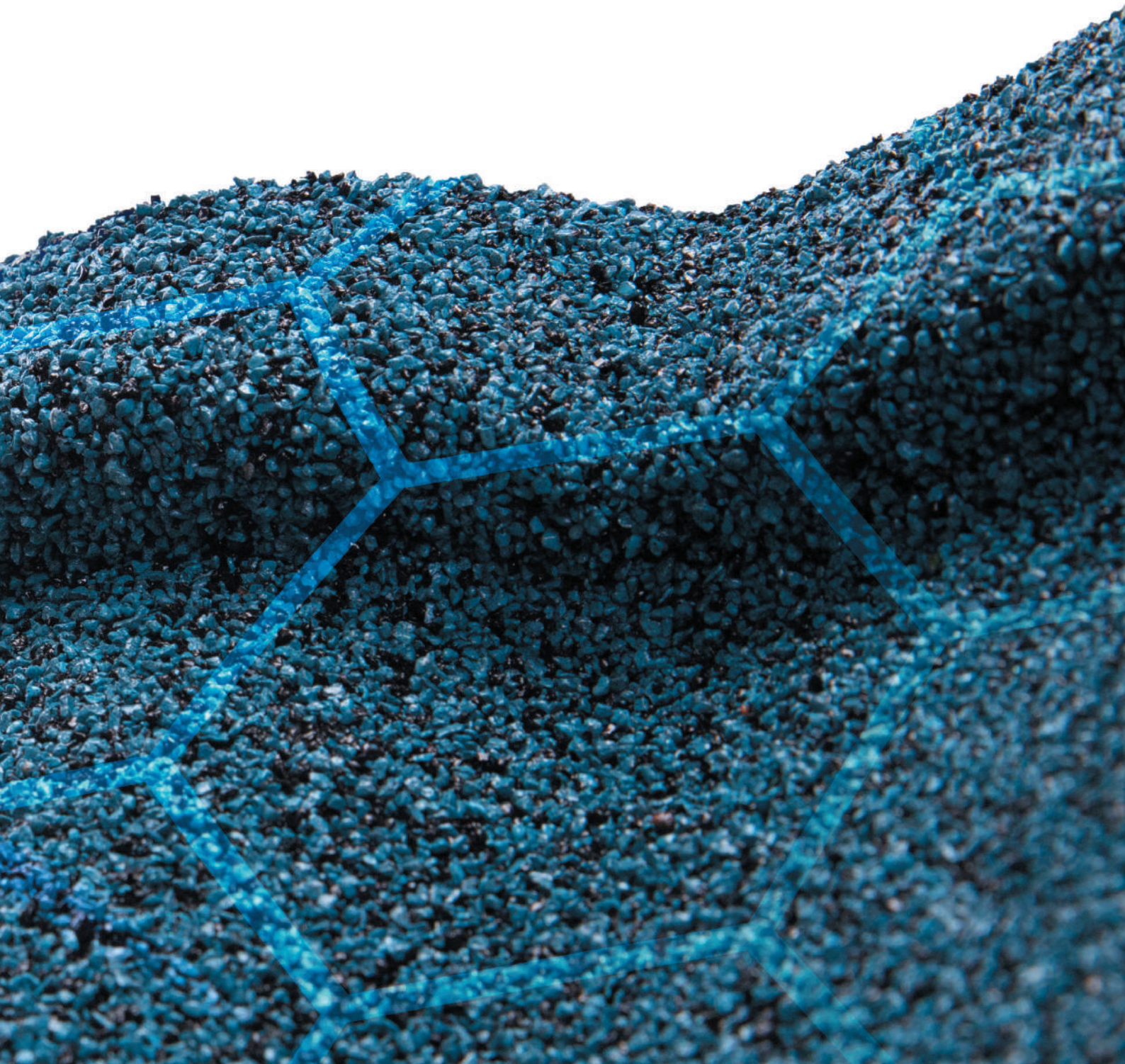
The color strength remains stable under any weather conditions, maintaining the original appearance throughout the whole life cycle.



ACRYLIC GLAZE – EXTRA PROTECTION

Stone coated steel surface is covered with a layer of acrylic glaze that provides extra protection against sun fading.

The acrylic glaze designed by BASF chemical group also prevents contamination of stone granules. This technology guarantees the preservation of an aesthetic appearance of the roofing.





5,000 HOURS OF TESTING – 50 YEARS OF WARRANTY

Once in 6 months the QUEENTILE roofing undergoes climate tests that confirm the high quality of stone coated steel roofing after 10, 20 and even 50 years of use. The tests are conducted in Germany by the BASF chemical group.



A SCIENTIFIC APPROACH FOR QUALITY CONTROL

The roof tile profiles are placed into a special apparatus – xenotest. This device accelerates the natural aging of the tiles by a factor of hundreds compared with the real time.

The testing of the QUEENTILE roof tiles takes 5,000 hours where each 1,000 hours are equivalent to 10 years.

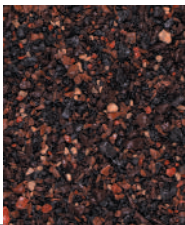
The roof tiles are subject to a permanent heat flow of an intensity of 165 mph at the air temperature of 149°F and 70% humidity. There's a heavy rain every two hours.

The samples that passed such a severe test reveal that the QUEENTILE roofing maintains its presentable appearance even after 50 years.



COLLECTION

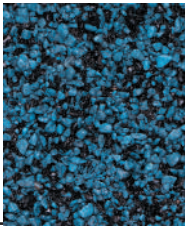
COFFEE



TERRA
COTTA



BLUE



ROSSO



PERSIA



GREY



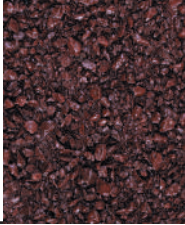
GREEN



BLACK



BROWN



STANDARD



CLASSIC



SLATE



VERONA



SHAKE

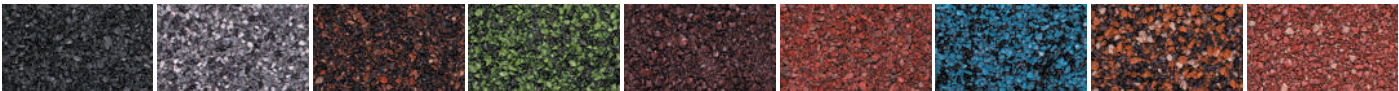


QUEENTILE STANDARD

PROFILE

The QUEENTILE STANDARD expressive profile embodies elegance style. The smooth lines of geometry are well matched with classic and modern architectural desicions.

Sheet size	Full / Effective area	Consumption rate	Weight
15.75 x 45.28	4.95 / 4.14	24.15 pcs / sq	6.04 lbs



Black Grey Coffee Green Brown Rosso Blue Persia Terra Cotta

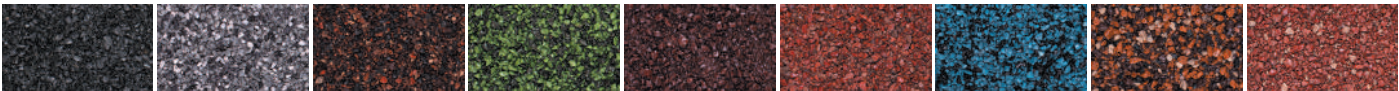


QUEENTILE CLASSIC

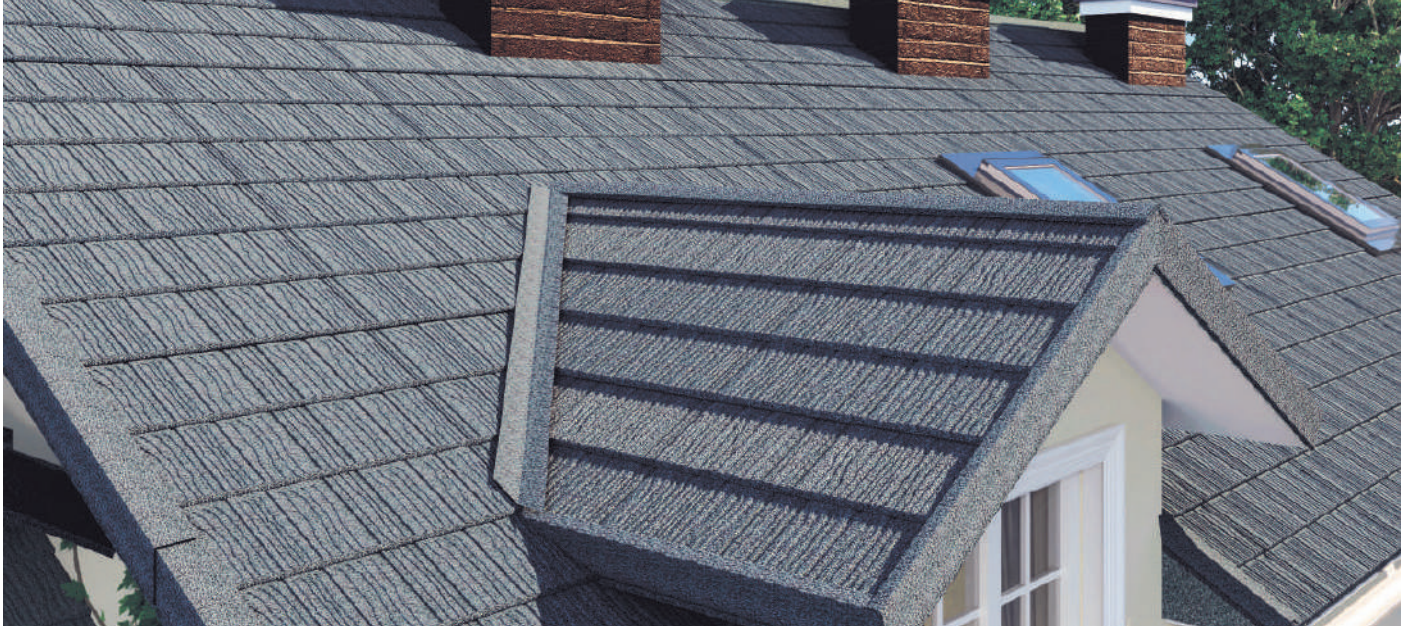
PROFILE

The QUEENTILE CLASSIC is an embodiment of the classic architectural style of the Old Europe. The fineness and nobility of traditions combined with the cutting-edge technologies create an inimitable image.

Sheet size	Full / Effective area	Consumption rate	Weight
16.14 x 44.88	4.95 / 4.00	24.99 pcs / sq	5.66 lbs



Black Grey Coffee Green Brown Rosso Blue Persia Terra Cotta

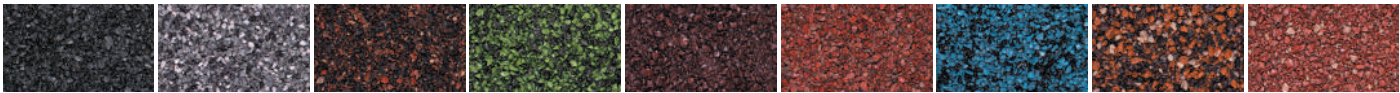


QUEENTILE SHAKE

PROFILE

The QUEENTILE SHAKE profile creates a special elegance and a unique attraction of the house, and the wood structure imitation and matured tones will highlight the image of the centuries-old history.

Sheet size	Full / Effective area	Consumption rate	Weight
16.54 x 46.26	5.27 / 4.30	23.23 pcs / sq	5.95 lbs



Black Grey Coffee Green Brown Rosso Blue Persia Terra Cotta

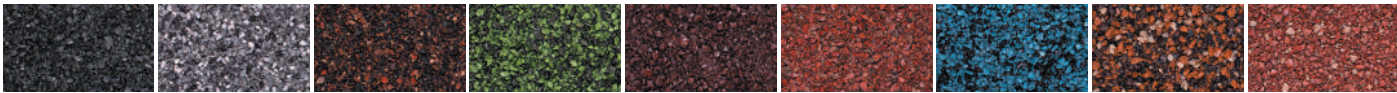


QUEENTILE VERONA

PROFILE

An effect of natural tile roofing is the best choice for Mediterranean style roofs. The QUEENTILE VERONA profile will provide the house with an exquisite style and an inimitable atmosphere.

Sheet size	Full / Effective area	Consumption rate	Weight
15.35 x 43.39	4.50 / 3.93	25.45 pcs / sq	5.42 lbs



Black Grey Coffee Green Brown Rosso Blue Persia Terra Cotta



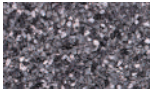
QUEENTILE SLATE

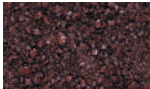
PROFILE

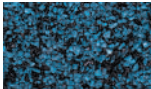
The QUEENTILE SLATE profile reflects the natural beauty of slate which is widely used in roofing of palaces and elite houses of Western Europe.

Sheet size	Full / Effective area	Consumption rate	Weight
16.54 x 48.82	5.61 / 4.89	20.35 pcs / sq	6.06 lbs







Black

Grey

Coffee

Green

Brown

Rosso

Blue

Persia

Terra Cotta

ADDITIONAL ELEMENTS



- 1 BARREL RIDGE**
Ridge and rib arrangement.
Length – 78.74. Consumption – 1.80 pcs/sq



- 1 TRIANGLE RIDGE**
Ridge and rib arrangement.
Length – 78.74. Consumption – 1.80 pcs/sq



- 1 TRIANGLE RIDGE (LARGE)**
Ridge arrangement between asymmetrical pitches.
Length – 78.74. Consumption – 1.80 pcs/sq



- 1 VERONA COVER FLASHING**
Ridge and wall adjoining finish.
Length – 49.21. Consumption – 3.12 pcs/sq



- 2 BARGE BOARD NO.1**
Gable and roof edge finish.
Length – 78.74. Consumption – 1.80 pcs/sq



- 2 BARGE BOARD NO.2 (LARGE)**
Gable and roof edge finish.
Length – 78.74. Consumption – 1.80 pcs/sq



- 2 BARGE BOARD (LEFT/RIGHT)**
Gable and roof edge finish.
Length – 49.21. Consumption – 3.12 pcs/sq



- 3 BARREL RIDGE END CAP**
Completing of the ridge on both sides.
Barrel ridge and rib end, R 3.03.
Consumption – 1 (0,5) pcs per side



- 3 TRIANGLE RIDGE END CAP**
Completing of the ridge on both sides.
Triangle ridge and rib end. 6.69 x 5.11.
Consumption – 1 (0,5) pcs per side



- 3 TRIANGLE RIDGE END CAP (LARGE)**
Completing of the ridge on both sides.
Triangle ridge and rib end. 12.00 x 11.81.
Consumption – 1 (0,5) pcs per side



- 3 ROOF DECORATION ON ONE SIDE**
Length – 16.73



- 4 SIDE FLASHING NO.1**
Wall adjoining and parapet arrangement.
Length – 78.74. Consumption – 1.80 pcs/sq



- 4 SIDE FLASHING NO.2**
Wall adjoining and parapet arrangement.
Length – 78.74. Consumption – 1.80 pcs/sq



- 5 EAVES FLASHING (SMALL)**
Used for ventilated eaves arrangement and decreasing the pitch angle.
Length – 78.74. Consumption – 1.80 pcs/sq



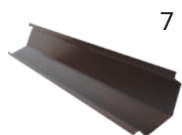
- 5 EAVES FLASHING (LARGE)**
Used for ventilated eaves arrangement and decreasing the pitch angle.
Length – 78.74. Consumption – 1.80 pcs/sq



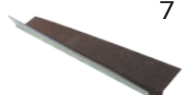
- 5 STANDARD SIDE FLASHING**
Wind (barge) board finish.
Length – 78.74. Consumption – 1.80 pcs/sq



- 6 VERONA EAVES FLASHING**
Eaves finish.
Length – 49.21. Consumption – 3.12 pcs/sq



7 DEEP VALLEY FLASHING
Valley arrangement. Flashing without
basalt grit colored like the tiles.
Length – 78.74. Consumption – 1.80 pcs/sq



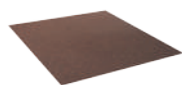
7 VALLEY DECORATIVE FLASHING
Valley decorative finish.
Length – 78.74. Consumption – 1.80 pcs/sq



8 SIDE APRON FLASHING
Wall adjoining and parapet finish.
Length – 78.74. Consumption – 1.80 pcs/sq



8 PROTECTION FLASHING
Protection of the top edge of vertical surface
roofing tapes.
Length – 78.74. Consumption – 1.80 pcs/sq



FLAT SHEET
Multi-purpose use. A flat sheet covered with
basalt grit in all colors.
Length – 49.21. Width – 39.37
Length – 78.74. Width – 19.68



OUTER CORNER NO. 1
Length – 78.74. Consumption – 1.80 pcs/sq



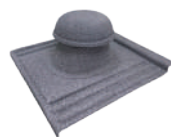
OUTER CORNER NO. 2
Length – 78.74. Consumption – 1.80 pcs/sq



INNER CORNER NO. 1
Length – 78.74. Consumption – 1.80 pcs/sq



INNER CORNER NO. 2
Length – 78.74. Consumption – 1.80 pcs/sq



**SHAKE PENETRATION
VENTILATION ELEMENT**
Length – 15.75. Width – 15.75



REPAIR KIT
For fastening and decorative coating repair.
Acrylic priming – 3.09lbs / 1076.39 sqft
Glaze – 0.88 lbs / 1076.39 sqft
Natural basalt grit – 2.20 lbs / 1076.39 sqft



NAILS
Tile panel and component fastening.
Corrosion resistant high strength nails.
Size – 0.11 x 1.97
Consumption – 12 pcs/1076.39 sqft



QUEENTILE

TOTAL SUPREMACY



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