



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 and zinc protective coating.

The zinc aluminium alloy is 6 times more corrosion resistant than other galvanized steel-based types of roofing, that is why QUEENTILE warranty period is 50 years!

The tile surface is covered with natural stone granules.

The monolithic joint of stone granules with metal surface is provided by a unique acrylic-based binder.



WHY STONE COATED STEEL ROOFING?

LIKE METAL ROOFING,

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

LIKE ASPHALT ROOFING,

it prevents avalanche snow fall (no snow guards are needed), but is fire-resistant, and makes no unpleasant smell in the hot season.

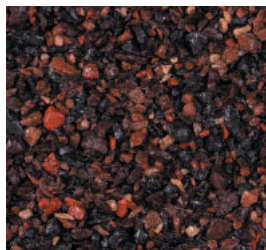
LIKE CERAMIC ROOFING,

it has a premium appearance, is resistant to mechanical damage and requires no costs for a heavy-duty roof frame system.



QUEENTILE STANDARD PROFILE

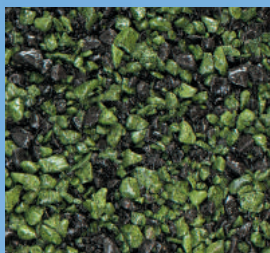
COFFEE



QUEENTILE CLASSIC

PROFILE

GREEN



7 REASONS TO CHOOSE QUEENTILE



Durability

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



Color stability

The QUEENTILE roofing does not fade in the sun and thus will not change its color over time. Such UV-protection is achieved through ceramization – stone granule coloring at 800°C.



Fire safety

The QUEENTILE roofing is an absolutely inflammable roofing material (A class). The compliance with the EU standards is confirmed by CE certificate.



Noiselessness in the rain

The multi-layer tile structure is excellently soundproof compared to other metal roofing systems. The noise level is reduced due to the stone granule layer.



Hail protection

Hail up to 30 mm won't dent the roofing, thanks to the the stone granule layer, and won't cause shedding owing to an extra-strong bonding of the stone and tile surface.



Squall resistance

A method of mounting the tiles towards the roof pitch allows to endure wind up to 200 km/h unlike other 90-degree-to-pitch roofing systems.



Easy installation

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

QUEENTILE SHAKE

PROFILE

BROWN



WE OFFER MORE THAN YOU EXPECT



An extended warranty for all

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

50✓

50 years of warranty - 50 years without troubles

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 the world quality standards. The certificates confirm safe use within Ukraine and EU.



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.



Infallible technologies

An automated production line allows to produce roofing of
non-negotiable geometry accuracy with maximum error rate of 0.03%.



Time saving

Due to the fact that the manufacturing facilities are situated in Ukraine,
the delivery takes only 1 to 2 days. If there's no product in stock, the
production will take 2 weeks.

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, India, Germany, Norway, Poland, Estonia, and other countries.

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”.

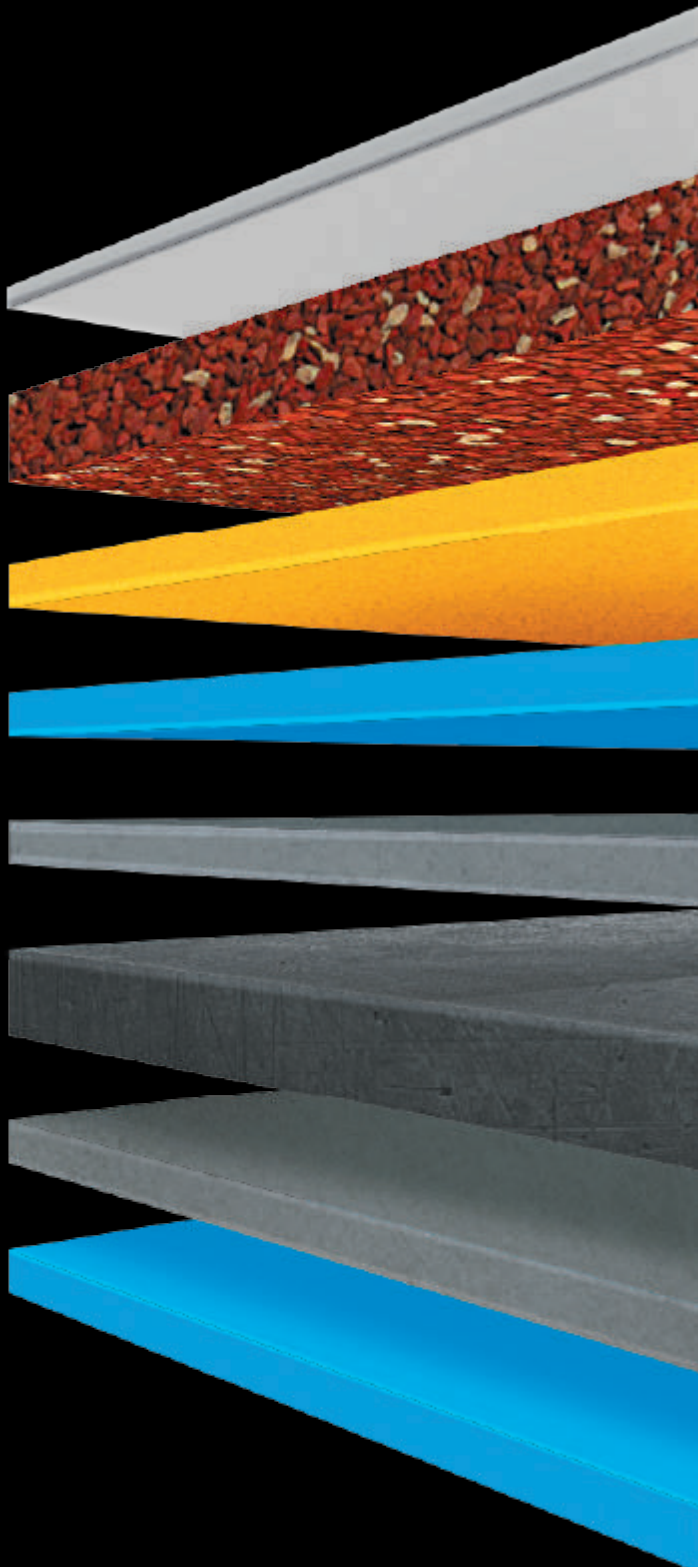
SERGII DEMYDENKO

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

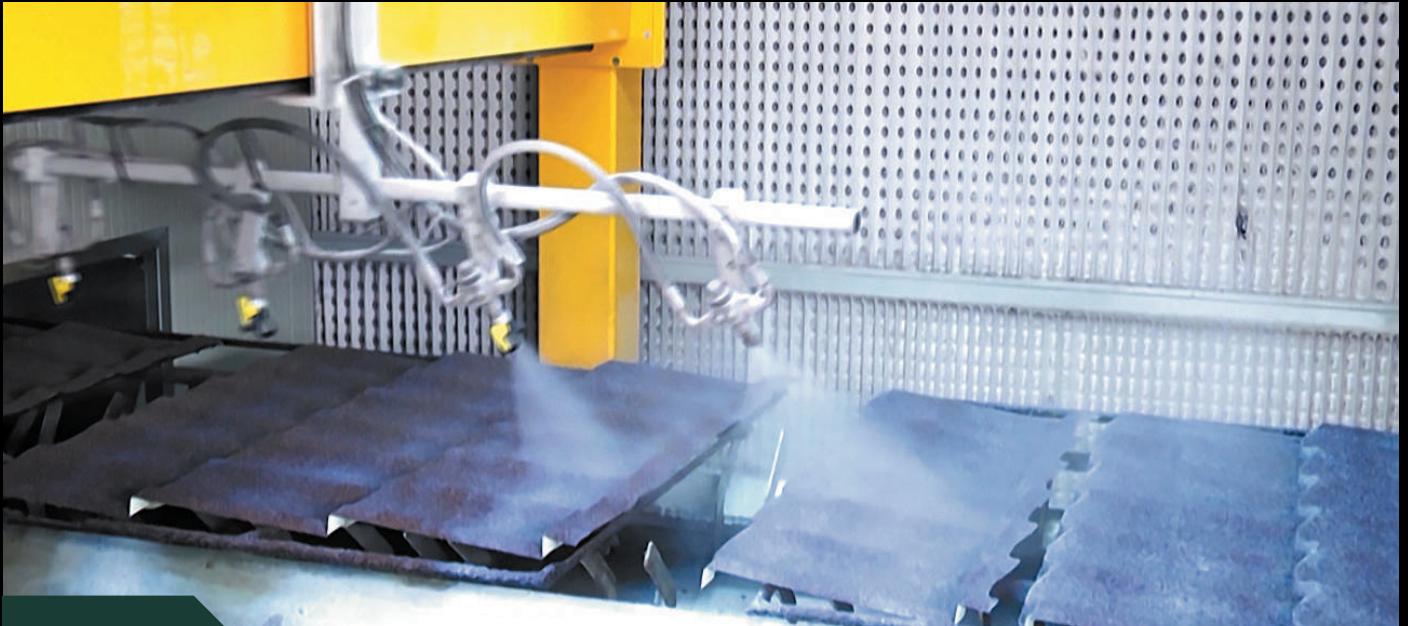
Reliability is an unchanging attribute of the QUEENTILE stone coated steel roofing. For our roofing systems we use only quality raw material from world leading manufacturers.



- 1 ACRYLIC GLAZE – BASF, GERMANY**
Self-cleaning from dust during rain.
- 2 NATURAL BASALT GRANULES – TEGOLA CANADESE, ITALY**
An original appearance, damage protection, soundproofing.
- 3 ACRYL-BASED BINDER – BASF, GERMANY**
Firm fixation of the stone granules.
- 4 ACRYLIC PRIMING**
Extra anti-corrosive protection.
- 5 ZINC ALUMINIUM LAYER 150 g/m2**
Anti-corrosive protection.
- 6 STEEL 0.45 MM – DONGKUK STEEL, SOUTH KOREA**
A base that ensures strength and rigidity.
- 7 ZINC ALUMINIUM LAYER 150 g/m2**
Anti-corrosive protection.
- 8 ACRYLIC PRIMING**
Extra anti-corrosive protection.

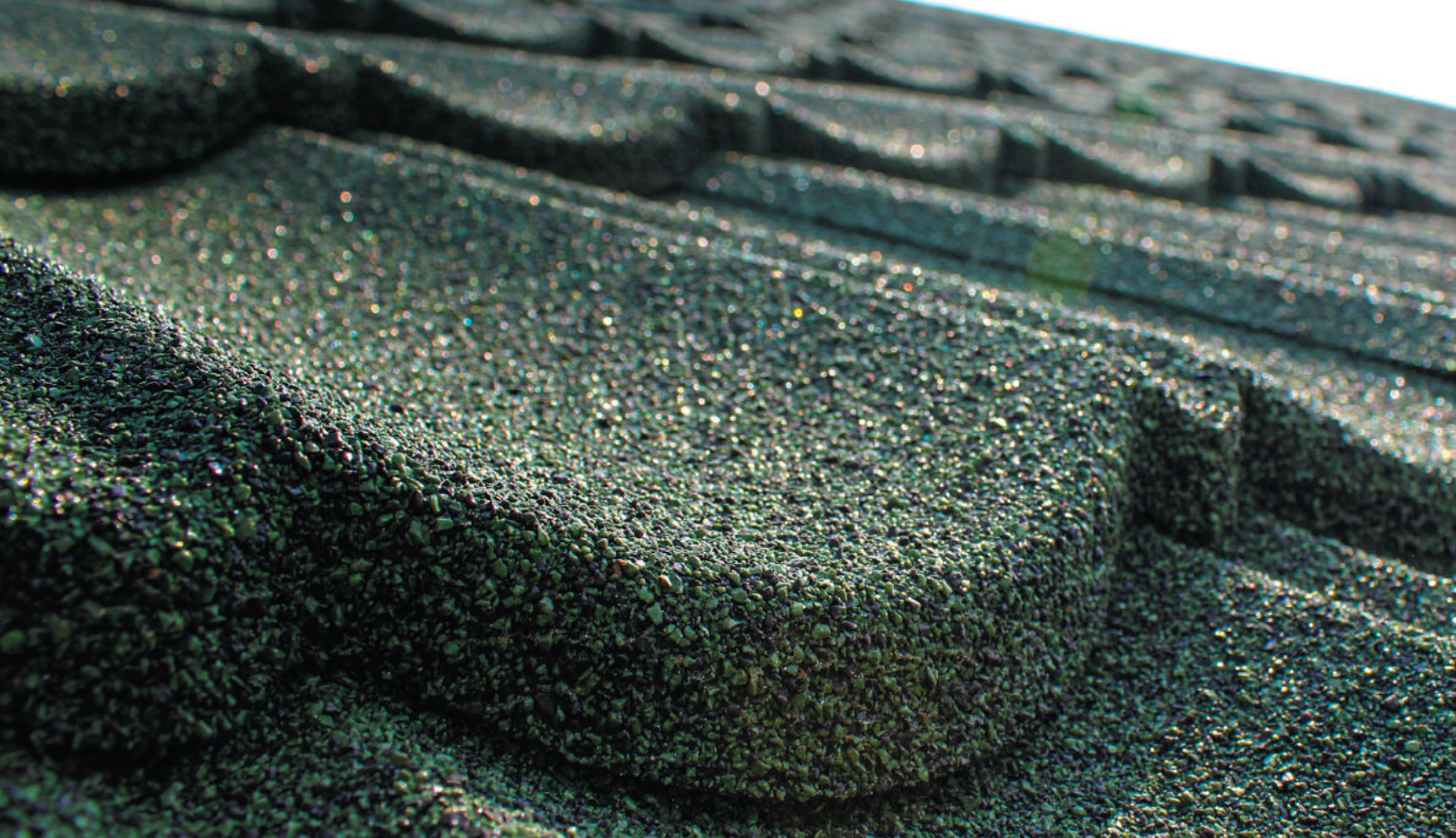
STONE COATED STEEL ROOFING IS BORN HERE

An automated line designed in Italy produces high quality roofing, excluding the defect factor.

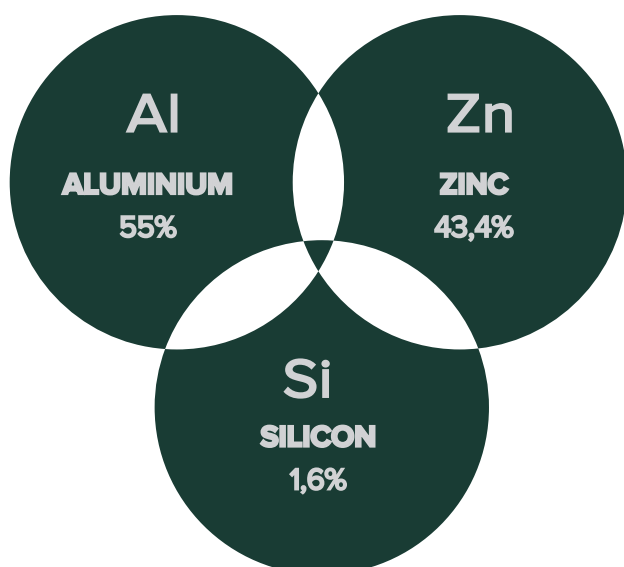


8 stages of production

- 1 Forming of the steel sheet base. An automated line provides the perfect geometry 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 that hampers moss growth and protects from UV light thus preventing color fading.
- 6 Baking in the oven for a monolithic joint of the stone granules with the steel sheet.
- 7 Aging for 14 days in a dry ventilated location for maximum fixation of all the layers of the stone coated steel roofing.
- 8 Laboratory 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 aluminum is one of the durability secrets of the QUEENTILE roofing. It's a modern type of anti-corrosive coating applied onto both sides of the tile steel sheet.

Zinc aluminum 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, cathodic 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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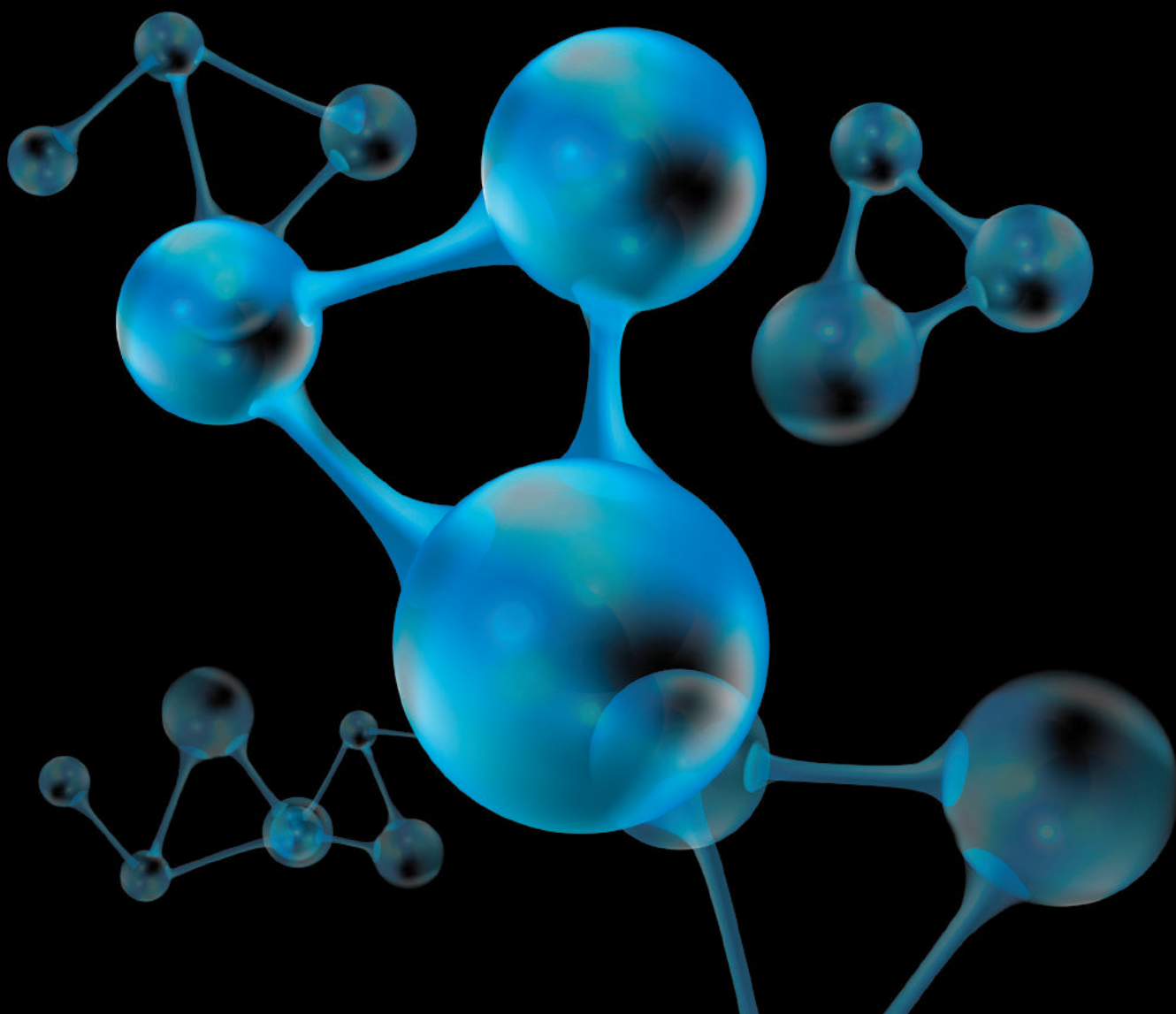


A FIRM FIXATION OF STONE GRANULES

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 to +80°C.

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



AN UNCHANGING COLOR STRENGTH

The QUEENTILE stone coated steel roofing uses natural basalt covering. The material with basalt grit doesn't fade under UV light thanks to a special granule coloring technology.

Paint pigments are injected at the temperature of 800°C which guarantees the stability of the color of the finished material. This process is called "ceramization".

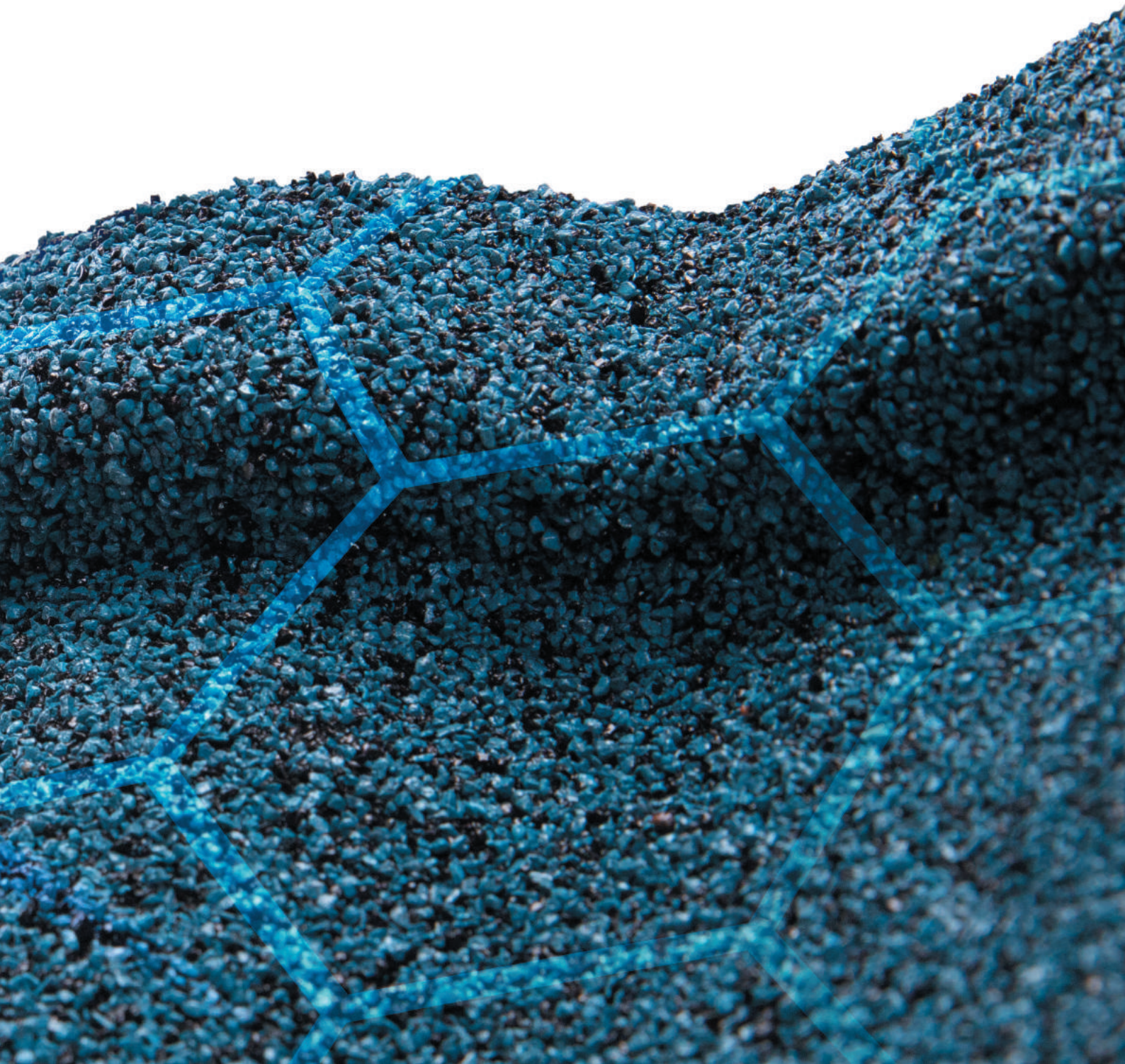
The color strength remains stable under any weather conditions, maintaining the original appearance throughout the whole life cycle.



ACRYLIC GLAZE – EXTRA PROTECTION

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

The acrylic glaze designed by the BASF chemical group also prevents contamination of the 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.

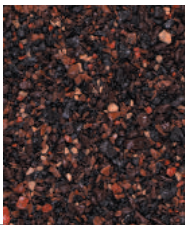
The roof tiles are subject to a permanent heat flow of an intensity of 60 W/m^2 at the air temperature of 65°C and 70% humidity. There's a heavy rain every two hours.

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



COLLECTION

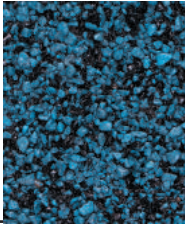
COFFEE



TERRA
COTTA



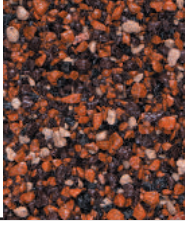
BLUE



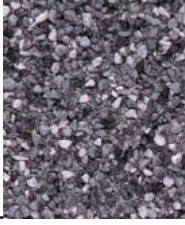
ROSSO



PERSIA



GREY



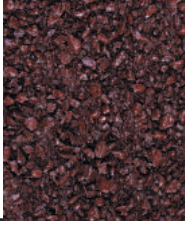
GREEN



BLACK



BROWN



STANDARD



CLASSIC



SLATE



VERONA



SHAKE

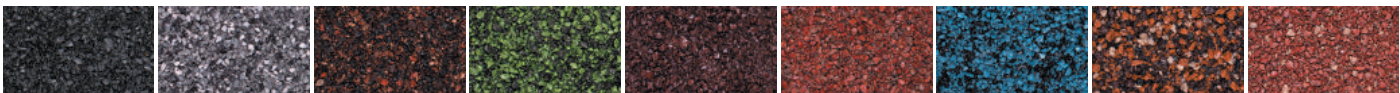


QUEENTILE STANDARD

PROFILE

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

Sheet size	Full / Effective area	Consumption rate	Weight
400 x 1150 mm	0.46 / 0.385 m²	2.6 pcs / m²	2.74 kg



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

410 x 1140 mm

Full / Effective area

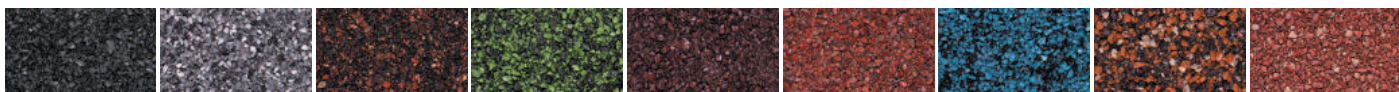
0.46 / 0.372 m²

Consumption rate

2.69 pcs / m²

Weight

2.57 kg



Black

Grey

Coffee

Green

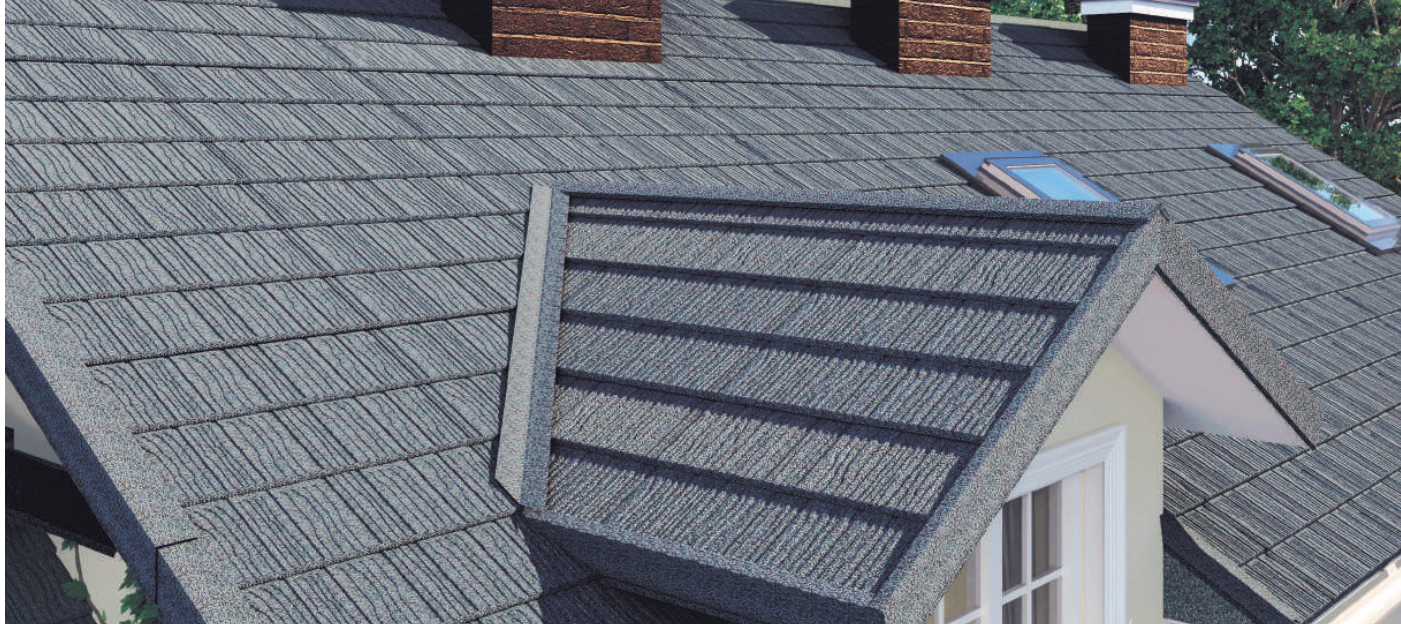
Brown

Rosso

Blue

Persia

Terra Cotta

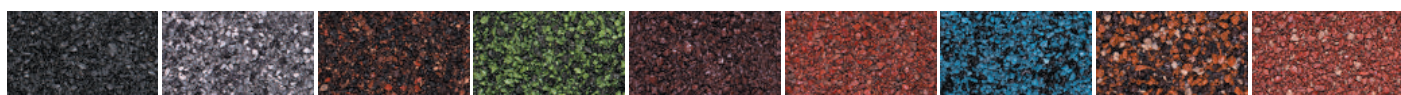


QUEENTILE SHAKE

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
420 x 1175 mm	0.49 / 0.4 m²	2.5 pcs / m²	2.7 kg



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

390 x 1102 mm

Full / Effective area

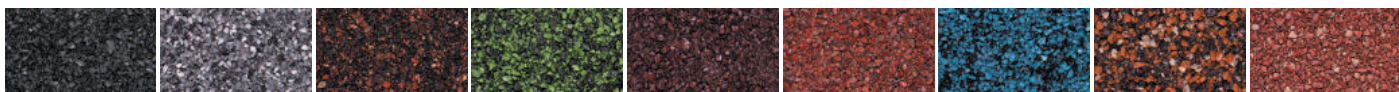
0.418 / 0.365 m²

Consumption rate

2.74 pcs / m²

Weight

2.46 kg



Black

Grey

Coffee

Green

Brown

Rosso

Blue

Persia

Terra Cotta

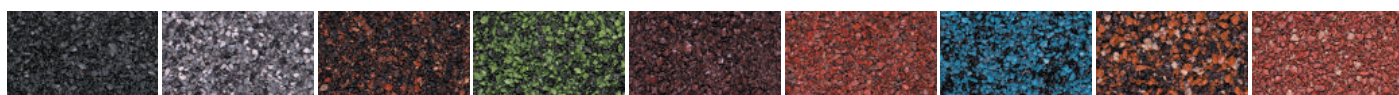


QUEENTILE SLATE

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
420 x 1240 mm	0.521 / 0.454 m²	2.19 pcs / m²	2.75 kg



Black Grey Coffee Green Brown Rosso Blue Persia Terra Cotta

ADDITIONAL ELEMENTS



1

BARREL RIDGE

Ridge and rib arrangement.
Length – 2 m. Consumption – 0,55 pcs/m



1

TRIANGLE RIDGE

Ridge and rib arrangement.
Length – 2 m. Consumption – 0,55 pcs/m



1

TRIANGLE RIDGE (LARGE)

Ridge arrangement between
asymmetrical pitches.
Length – 2 m. Consumption – 0,55 pcs/m



1

VERONA COVER FLASHING

Ridge and wall adjoining finish.
Length – 1,250 m. Consumption – 0,95 pcs/m



2

BARGE BOARD NO.1

Gable and roof edge finish.
Length – 2 m. Consumption – 0,55 pcs/m



2

BARGE BOARD NO.2 (LARGE)

Gable and roof edge finish.
Length – 2 m. Consumption – 0,55 pcs/m



2

BARGE BOARD (LEFT/RIGHT)

Gable and roof edge finish.
Length – 1,250 m. Consumption – 0,95 pcs/m



3

BARREL RIDGE END CAP

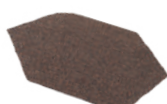
Completing of the ridge on both sides.
Barrel ridge and rib end, R74 mm.
Consumption – 1 (0,5) pcs per side



3

TRIANGLE RIDGE END CAP

Completing of the ridge on both sides.
Triangle ridge and rib end. 170x140 mm.
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. 305x300 mm.
Consumption – 1 (0,5) pcs per side



3

ROOF DECORATION ON ONE SIDE

Length – 425 mm



4

SIDE FLASHING NO.1

Wall adjoining and parapet arrangement.
Length – 2 m. Consumption – 0,55 pcs/m



4

SIDE FLASHING NO.2

Wall adjoining and parapet arrangement.
Length – 2 m. Consumption – 0,55 pcs



5

EAVES FLASHING (SMALL)

Used for ventilated eaves arrangement
and decreasing the pitch angle.
Length – 2 m. Consumption – 0,55 pcs/m



5

EAVES FLASHING (LARGE)

Used for ventilated eaves arrangement
and decreasing the pitch angle.
Length – 2 m. Consumption – 0,55 pcs/m



5

STANDARD SIDE FLASHING

Wind (barge) board finish.
Length – 2 m. Consumption – 0,55 pcs/m

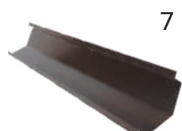


6

VERONA EAVES FLASHING

Eaves finish.
Length – 1,250 m. Consumption – 0,95 pcs/m





7

DEEP VALLEY FLASHING

Valley arrangement. Flashing without basalt grit colored like the tiles.
Length – 2 m. Consumption – 0,55 pcs/m



7

VALLEY DECORATIVE FLASHING

Valley decorative finish.
Length – 2 m. Consumption – 0,55 pcs/m



8

SIDE APRON FLASHING

Wall adjoining and parapet finish.
Length – 2 m. Consumption – 0,55 pcs/m



8

PROTECTION FLASHING

Protection of the top edge of vertical surface roofing tapes.
Length – 2 m. Consumption – 0,55 pcs/m



FLAT SHEET

Multi-purpose use. A flat sheet covered with basalt grit in all colors.
Length – 1,25 m. Width – 1 m
Length – 2 m. Width – 0,5 m



OUTER CORNER NO. 1

Length – 2 m. Consumption – 0,55 pcs/m



OUTER CORNER NO. 2

Length – 2 m. Consumption – 0,55 pcs/m



INNER CORNER NO. 1

Length – 2 m. Consumption – 0,55 pcs/m



INNER CORNER NO. 2

Length – 2 m. Consumption – 0,55 pcs/m



SHAKE PENETRATION VENTILATION ELEMENT

Length – 0,4 m. Width – 0,4 m



REPAIR KIT

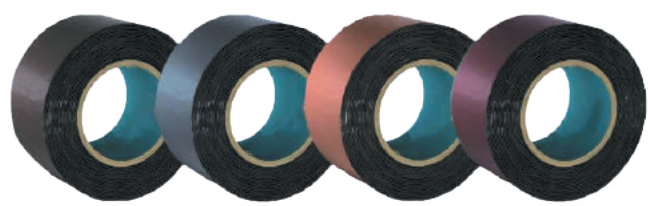
For fastening and decorative coating repair.
Acrylic priming – 1,4 kg / 100m²
Glaze – 0,4 kg / 100m²
Natural basalt grit – 1 kg / 100m²



NAILS

Tile panel and component fastening.
Corrosion resistant high strength nails.
Size – 2,8 x 50 mm
Consumption – 12 pcs/m²

ASSOCIATED GOODS



ADJOINING TAPE

Butyl polymer-based self-adhesive tape with an outer foiled layer for roofing waterproofing.

Color

Graphite, Brown, Terra Cotta, Aluminium

Width (mm)	Length (m)
50, 75, 100, 150, 200, 300	3, 10

2D ADJOINING TAPE

Embossed waterproof self-adhesive tape. Used for sealing and packing of adjoining elements of the roofing.

Color

Brown, Terra Cotta, Black, Black/Grey

Width (mm)	Length (m)
300	5



SEALING TAPE

Elastic butyl rubber tape with double-sided adhesive surface protected with siliconized paper. Used for adhesion of waterproof membranes.

Color

Grey

Width (mm)	Length (m)
15	25, 50

SEALING P-SHAPED TAPE

Constantly adhesive butyl rubber tape protected with siliconized paper. The shape of the tape allows to improve the sealing effectiveness due to a perfect contact.

Color

Grey

Width (mm)	Length (m)
22	12,2

ACCESSORIES



SEALING CORD

Constantly adhesive ductile butyl rubber sealant in a cord form. Outer protective layer – siliconized paper.

Color

Grey

Width (mm)

3, 5, 8

Length (m)

5, 10



RIDGE TAPE

Membrane type non-woven tissue ventilation tape. Corrugated side stripes with adhesive butyl rubber colored aluminium stripes.

Color

Brown, Terra Cotta, Black, Black/Grey

Width (mm)

240, 310

Length (m)

5



COUNTER BATTEN SEALANT

Self-adhesive isolation tape of physically sewn expanded polyethylene foam. One side with closed pores is covered with an adhesive layer with a protective film.

Color

Grey

Thickness (mm)

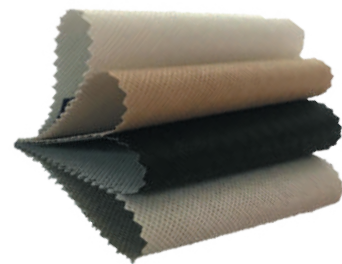
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Width (mm)

30, 50, 70, 90

Length (m)

30



WATERPROOF MEMBRANE

Prevents external moisture penetration and condensate accumulation inside the thermal insulation layer.

Color

Grey

Width (mm)

1,5

Length (m)

50



QUEENTILE

TOTAL SUPREMACY



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