





Dear Customers

I encourage you to read the information about WRKB-Granit and especially to browse our offer, which includes a wide range of granite products, with particular emphasis on granite cobblestone.

We have been operating on the natural stone market since 1997. Personally, I have been associated with this industry since 1985.

Many years of experience in the industry, the desire to take advantage of my technical and market knowledge, as well as the need to introduce a new and more innovative look at the granite treatment process made me create and develop this company.

Since the beginning of our activity, we have been focused on the high quality and diversity of our products.

Apart from aesthetic qualities, the utility features of offered products are very important to us. The combination of these two aspects has resulted in putting on the market a product that is unique on the national scale – pleated cobblestone with fire treated upper surface, while bottom and sides with natural cross section.

The flexibility of our activities is appreciated by the largest executive companies, both in the country and abroad, as well as the contractors providing services for individual customers, and often the individual customers themselves, who belong to the group of our recipients.

Regardless of whether you're representing an international executive company or you're thinking about using our products during the construction of the house, I assure that you will receive the highest quality product with high aesthetic and functional qualities.

Due to the fact that we're operating in the industry, which is inextricably connected to the surrounding natural environment, we put great emphasis on technologies that are friendly to the environment and people. We invest in advanced technologies, upgrade our production line and care about our employees.

I look forward to welcoming you in the group of our Customers.

Sincerely,

A handwritten signature in black ink, appearing to read 'Dobal'.

President of the Management Board



Advantages of the stone

The stone has been accompanying man since the beginning of our existence on Earth. For thousands of years, it was an irreplaceable material for the construction of houses, roads, as well as jewellery, religious items and articles of everyday use.

Granite fulfils a significant role among the stones used by man for various purposes. It's a special stone mainly due to its physical characteristics and utility aspects, but also due to its high aesthetic qualities.

High utility qualities of granite are determined by:

- high resistance to various atmospheric conditions, including high and low temperatures or long-term impact of water,
- resistance to compression, and therefore very low susceptibility to deformation, high durability,
- relatively easy processing, which allows to achieve the required shapes or surfaces of the granite products.

Also the visual aspects determine that this type of stone is one of the most popular precious building materials.

The most important features of the granite associated with appearance include:

- availability of various colours of the granite,
- interesting and diverse stone texture,
- possibility to achieve completely smooth surface, glossy surface, matt surface or quarried surface corresponding to the natural stone.

The above-mentioned attributes result in the fact that landscape architects and interior designers more and more often use this type of stone. It's an indispensable material used in the process of restoration of monuments, sacred objects or historical old towns.

Its advantages are also appreciated by architects specializing in the design of modern architectural solids. This material perfectly fits with glass, metal and other materials used in the construction.



It's one of the most important building materials in the road construction.

It's also widely used in the single-family construction or small architecture located in parks, squares and green areas.

After a period, when it seemed that the natural stone will be suppressed by cheaper but less durable substitutes, it returns to the widespread use as universal material, which perfectly matches with the nature, as well as modern architecture.



COBBLESTONE

with natural cross section

The natural cross section of individual sides of this product guarantees very good stability of the laid surface, while maintaining the natural colour and character of the cobblestone.

COLOURS



SZWED VANGA BOHUSRED FLIVIK GNEJS KULLA

TYPE OF GOODS	Cobblestone with natural cross section.
STANDARD	PN-EN 1342:2013-05E
INTENDED APPLICATION	As paving material, for pedestrian traffic and vehicle traffic.

Size	Nominal size	Performance m ² /t	Acceptable deviations (size of the face and thickness)*	Irregularity of planes	Execution class
4/6	5x5x5 cm	8,5	± 10 mm	± 10 mm	Class 1
7/9	8x8x8 cm	6,0	± 15 mm	± 10 mm	Class 1
8/11	9x9x9 cm	4,5	± 15 mm	± 10 mm	Class 1
15/17	16x16x16 cm	2,5	± 15 mm	± 10 mm	Class 1

*the supplied cobblestone is mainly intended for non-rectilinear layouts, so in the delivered batches there may be approx. 15 % of smaller and larger cobblestones.

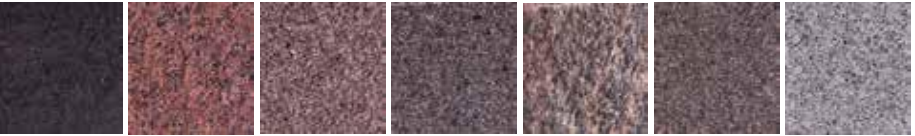


COBBLESTONE

fire treated upper surface, cut bottom,
sides with natural cross section

This product allows to obtain a levelled surface with elegant and modern look. Laying of this product is very easy.

COLOURS



SZWED VANGA BOHUSRED FLIVIK GNEJS KULLA GREY

TYPE OF GOODS	Cobblestone, fire treated upper surface, cut bottom, sides with natural cross section.
STANDARD	PN-EN 1342:2013-05E
INTENDED APPLICATION	As paving material, for pedestrian traffic and vehicle traffic.

Nominal Thickness	Nominal dimension of facing surface	Acceptable deviations of thickness	Acceptable deviations of the facing surface	Irregularity of the facing plane	Execution class
60 mm	to 120x240 mm	± 7 mm	± 10 mm	± 5 mm	Class 1
80 mm	to 160x320 mm	± 10 mm	± 15 mm	± 5 mm	Class 1
100 mm	to 200x400 mm	± 10 mm	± 15 mm	± 5 mm	Class 1

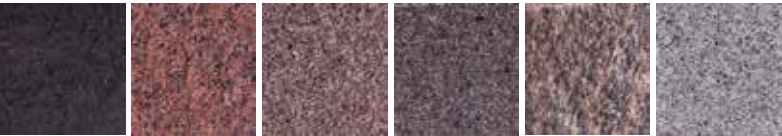


COBBLESTONE

pleated, fire treated upper surface, bottom and sides with natural cross section

This product allows to obtain levelled and stable surface, which so far was possible to obtain in the case of cobblestone with natural cross section.

COLOURS



SZWED VANGA BOHUSRED FLIVIK GNEJS GREY

TYPE OF GOODS	Pleated cobblestone, fire treated upper surface, bottom and sides with natural cross section
STANDARD	PN-EN 1342:2013-05E
INTENDED APPLICATION	As paving material, for pedestrian traffic and vehicle traffic.

Size	Nominal size	Performance m ² /t	Acceptable deviations (size of the face and thickness)*	Irregularity of planes	Execution class
4/6	5x5x5 cm	8,5	± 10 mm	± 10 mm	Class 1
7/9	8x8x8 cm	6,0	± 15 mm	± 10 mm	Class 1
8/11	9x9x9 cm	4,5	± 15 mm	± 10 mm	Class 1
15/17	16x16x16 cm	2,5	± 15 mm	± 10 mm	Class 1



COBBLESTONE

with natural cross section, embosomed

Thanks to the embosoming, we acquire the effect of „aging“ of the cobblestone, the laid surface is smoother and more slippery. The “rustic” character of acquired surface is most commonly used in the areas of historic objects in order to achieve a consistent whole.

COLOURS



SZWED VANGA BOHUSRED FLIVIK GNEJS

TYPE OF GOODS	Cobblestone with natural cross section, embosomed.
STANDARD	PN-EN 1342:2013-05E
INTENDED APPLICATION	As paving material, for pedestrian traffic and vehicle traffic.

Size	Nominal size	Performance m ² /t	Acceptable deviations (size of the face and thickness)*	Irregularity of planes	Execution class
4/6	5x5x5 cm	8,5	± 10 mm	± 10 mm	Class 1
7/9	8x8x8 cm	6,0	± 15 mm	± 10 mm	Class 1
8/11	9x9x9 cm	4,5	± 15 mm	± 10 mm	Class 1
15/17	16x16x16 cm	2,5	± 15 mm	± 10 mm	Class 1

* the supplied cobblestone is mainly intended for non-rectilinear layouts, so in the delivered batches there may be approx. 15 % of smaller and larger cobblestones

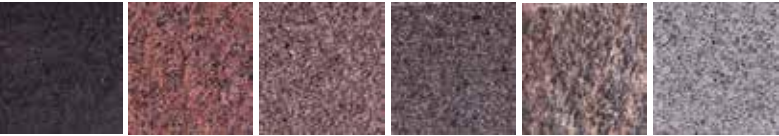


ROAD KERB

cut, fire treated

The use of this products allows to achieve durable and very solid side barrier of the road or path. Appropriately used kerbs may be used repeatedly in many architectural solutions.

COLOURS



SZWED VANGA BOHUSRED FLIVIK GNEJS GREY

TYPE OF GOODS	Cut, fire treated road kerb.
STANDARD	PN-EN 1343:2013-05E
INTENDED APPLICATION	As border of the road or path.

Nominal cross section (width/height)	Acceptable deviations of height	Acceptable deviations of width	Rectilinearity of edges parallel to the upper surface	Rectilinearity of edges perpendicular to the upper surface	Rectangularity of the front surface in relation to the upper surface	Warpedness of the upper plane	Rectangularity between upper plane and contact plane	Execution class
60/200 mm	± 10 mm	± 3 mm	± 3 mm	± 3 mm	± 7 mm	± 5 mm	± 5 mm	H1
80/200 mm	± 10 mm	± 3 mm	± 3 mm	± 3 mm	± 7 mm	± 5 mm	± 5 mm	H1
80/250 mm	± 10 mm	± 3 mm	± 3 mm	± 3 mm	± 7 mm	± 5 mm	± 5 mm	H1
100/200 mm	± 10 mm	± 3 mm	± 3 mm	± 3 mm	± 7 mm	± 5 mm	± 5 mm	H1
100/250 mm	± 10 mm	± 3 mm	± 3 mm	± 3 mm	± 7 mm	± 5 mm	± 5 mm	H1

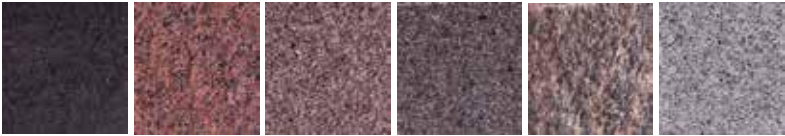


ROAD KERB

with quarried head and fire treated sides

The use of this products allows to achieve durable and very solid side barrier of the road or path. Appropriately used kerbs may be used repeatedly in many architectural solutions.

COLOURS



SZWED VANGA BOHUSRED FLIVIK GNEJS GREY

TYPE OF GOODS	Road kerb with quarried head and fire treated sides.
STANDARD	PN-EN 1343:2013-05E
INTENDED APPLICATION	As border of the road or path.

Nominal cross section (width/height)	Acceptable deviations of height	Acceptable deviations of width	Rectilinearity of edges parallel to the upper surface	Rectilinearity of edges perpendicular to the upper surface	Rectangularity of the front surface in relation to the upper surface	Warpedness of the upper plane	Rectangularity between upper plane and contact plane	Execution class
60/200 mm	± 10 mm	± 3 mm	± 3 mm	± 3 mm	± 7 mm	± 5 mm	± 5 mm	H1
80/200 mm	± 10 mm	± 3 mm	± 3 mm	± 3 mm	± 7 mm	± 5 mm	± 5 mm	H1
80/250 mm	± 10 mm	± 3 mm	± 3 mm	± 3 mm	± 7 mm	± 5 mm	± 5 mm	H1
100/200 mm	± 10 mm	± 3 mm	± 3 mm	± 3 mm	± 7 mm	± 5 mm	± 5 mm	H1
100/250 mm	± 10 mm	± 3 mm	± 3 mm	± 3 mm	± 7 mm	± 5 mm	± 5 mm	H1



CLADDING WALL STONE

Thanks to this product, it's possible to obtain facing surface of the wall with very small and even grouts, while due to natural cross section, the visible surface of the wall maintains a natural colour and character of the raw material used for the production.

COLOURS



SZWED VANGA BOHUSRED

TYPE OF GOODS	Cladding wall stone.
STANDARD	PN-EN 771-6+A1:2015-10E
INTENDED APPLICATION	For construction of the wall.

Standard sizes:

Length	Width	Height	Estimated weight of 1 piece
200 mm	120 mm	100 mm	6,5 kg
250 mm	150 mm	100 mm	10,5 kg

Acceptable deviations:

Description	Acceptable deviation
Acceptable deviation from nominal height and length	± 5 mm
Acceptable deviation from nominal thickness (quarried surface)	± 25 mm
Acceptable deviation from rectangularity	± 0,5 %
Acceptable deviation from surface flatness	± 25 mm



WALL STONE
with natural cross section

Thanks to the natural cross section, it's possible to obtain a permanent and strong ties of individual elements of the wall, as well as to obtain the original colour of the raw material used for the production.

COLOURS



SZWED VANGA BOHUSRED

TYPE OF GOODS	Wall stone with natural cross section.
STANDARD	PN-EN 771-6+A1:2015-10E
INTENDED APPLICATION	For construction of the wall.

Standard sizes:

Length	Width	Height	Estimated weight of 1 piece
400 mm	200 mm	200 mm	40-50 kg
400 mm	200 mm	100 mm	20-25 kg

Acceptable deviations:

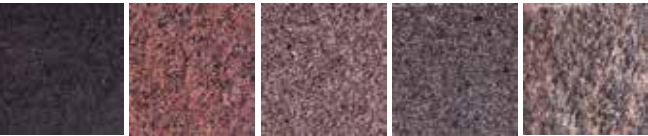
Description	Acceptable deviation
Acceptable deviation from nominal dimension	± 25 mm
Acceptable deviation from rectangularity	± 5 %
Acceptable deviation from surface flatness	± 5 %



BLOCK STEPS

Stairs made of this product are much more durable architectural element than the cladding stairs and at the same time, they are significantly cheaper in the current upkeep and maintenance. This product does not require the casting of a special load bearing structure like in the case of cladding stairs.

COLOURS



SZWED VANGA BOHUSRED FLIVIK GNEJS

TYPE OF GOODS	Block steps
STANDARD	PN-EN 12059+A1:2012-02E
INTENDED APPLICATION	Processed stone element with specified dimensions, intended for internal and external use in the construction.

Acceptable deviations:

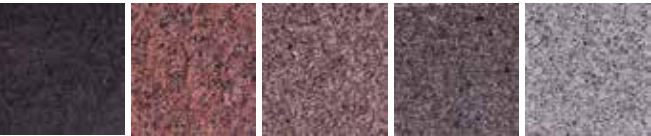
Description	Acceptable deviation
Acceptable deviation from nominal thickness (invisible part)	± 5 mm
Acceptable deviation from nominal thickness (visible part)	± 2 mm
Acceptable deviation from surface flatness	0,2 %, not more than 3 mm
Acceptable deviation from width of the step	± 4 mm
Acceptable deviation from length of the step	± 5 mm



PAVING SLABS
cut, fire treated

The created surface is levelled and comfortable, as well as convenient in use and keeping it clean.

COLOURS



SZWED VANGA BOHUSRED FLIVIK GREY

TYPE OF GOODS	Cut, fire treated paving slabs
STANDARD	PN-EN 1341:2013-05E
INTENDED APPLICATION	As paving material, for pedestrian traffic and vehicle traffic.

Nominal thickness	Acceptable deviations of thickness	Acceptable differences of diagonals	Acceptable deviations of the facing surface	Rectilinearity of edges	Surface flatness	Execution class
60 mm	± 4 mm	± 6 mm	± 4 mm	± 3 mm	+3 mm, -2 mm	P1, D1, T1
80 mm	± 4 mm	± 6 mm	± 4 mm	± 3 mm	+3 mm, -2 mm	P1, D1, T1
100 mm	± 7 mm	± 6 mm	± 4 mm	± 3 mm	+3 mm, -2 mm	P1, D1, T1



About the company

Beginnings of the company date back to 1997, when Józef Bobel started his business activity, which included consulting services in the scope of extraction and processing of the natural stone.

In 2005, the company assumes the name of WRKB-Granit Józef Bobel and extends its business activity by the production of stone products, in the first stage – raw quarried cobblestone. At the same time, the dynamic growth of the company occurs, the employment is increasing and commercial activity is intensified.

Since 2006, the company has been gradually increasing its production capacities and product range, initially with cut elements and then with other types of granite products.

At that time, the company moved to a new headquarters located in Morawa.

Further development of the company led to a change in the legal form.

On 5 December 2007, the company transforms into a limited liability company. The company operates to this day in such legal form.

A very important stage in the company's development was the launch of a production activity in Sweden in 2009. Thanks to that, the company has introduced to its offer a whole range of products made of the highest quality raw material with unique and diverse colours.

In 2017, after the completion of research and development stage, a new product has been introduced to the company's offer, which is unique on the Polish market – **pleated cobblestone**, combining the advantages of surfaces made of granite slabs and quarried cobblestone.



The products offered by our company go to such customers as Skanska S.A., BUDIMEX S.A. or STRABAG Sp. z o.o.

Cooperation with the leading companies on the construction market is another stage in the development and the opportunity to participate in the biggest construction projects in Poland, such as:

- revitalization of the New Port in Gdańsk,
- revitalization of the historic city centre of Łeba,
- modernization of the railway line Warsaw-Gdynia,
- construction of the expressway S5 Poznań - Wrocław,
- development of the left-bank boulevard of the Vistula River,
- construction of the fishing pool in the Port of Ustka, along with communication infrastructure.

The company's development plans assume the strengthening of its position on the Polish market and expansion into foreign markets. This objective will be achieved thanks to the introduction of unique products, technological development and expansion of commercial competences.

WRKB-Granit strives to become the first-choice supplier for the largest construction companies in Poland, but it maintains high flexibility of operation and responds to the needs of medium and small executives companies, as well as individual customers.

The company's development has been always closely associated with protection of the environment and the people working in it, thanks to the use of environmentally-friendly technologies and caring about the safety and appropriate work comfort of the employees.



Values

From the beginning of its activity, WRKB-Granit has been operating in accordance with the principles that on one hand enable the achievement of market success and on the other hand provide a lot of satisfaction to the owners of the company and its employees, as well as have a positive impact on the stone industry and the environment.

Flexibility in operation mainly consists of the ability to perform contracts of various scale, within the time-limits that take into account the complexity of the construction project. Regardless of scale of the project, its budget and schedule, the company will always offer the optimum solution.

Innovation in the search for new products and technological solutions resulted in the introduction of unique pleated cobble stone with fire treated upper surface, bottom and sides with natural cross section.

Environmentally friendly operation, among others, consists of the use of elements from granite constituting waste, generated in the process of extraction and production of granite blocks, as a raw material for further processing. It also includes investments in the modern production line and ensuring appropriate working conditions.

Development through continuous improvement of the production process, offering products with high technical parameters that meet the highest quality standards, which are also diverse in terms of colour and form.

