

www.bentoproduct.ba



BENTOCARPET V5





BENTOPRODUCT

About us

BENTOPRODUCT Ltd. is a manufacturer of high-quality bentonite-based products. The HQ is placed in Banjaluka (Bosnia and Herzegovina), while the production plant is located in Sipovo (90 km southwest from Banjaluka). The bentonite mines with reserves of around 5 million tons, with the percentage of active mineral montmorillonite ranging from 70% to 95%, are in the immediate vicinity of production plant.

The installed capacity allows production of about 50 000 tons of various high-quality products. The current infrastructure and mine potential provide possibilities for significant capacity increase and investments into new production lines.

BENTOPRODUCT Ltd. operates in accordance with the Integrated Management System. We have implemented the following standards: ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, HACCP, HALAL, KOSHER.





BENTOCARPET V5

Description

BENTOCARPET V5 is a geosynthetic clay liner (GCL) for **waterproofing works**, manufactured from the equally distributed, high swelling sodium activated bentonite granules, carefully placed between selected non-woven and woven geotextiles which are mechanically bonded by special needle-punching method (needle-punching through all components) in order to achieve desirable shear resistance.

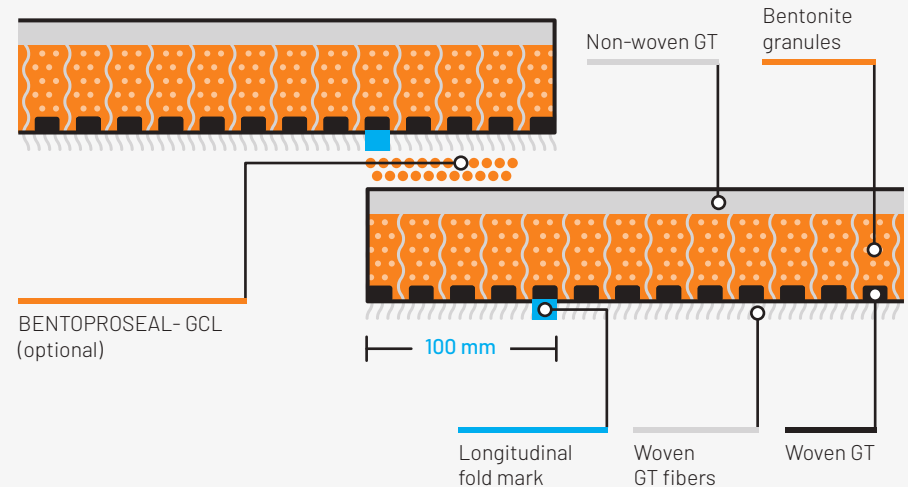


Figure 1. / BENTOCARPET V5, longitudinal overlapping



BENTOCARPET V5

Features



Effective waterproofing of underground structures



Quick and easy installation



Self-healing properties



Environmentally friendly system



CERTIFICATE

BENTOCARPET was tested and certified by the Slovenian National Building and Civil Engineering Institute, after which we obtained the right to apply CE marking and issue the Declaration of Conformity in accordance with the EU standards regulating the application of bentonite mats (GCL).





BENTOCARPET V5

Roll specification

Product	Roll dimension		Roll surface	Roll weight (cca.)	Technical characteristics of core (thickness x diameter)	
	Length	Width			Thickness	Diameter
BENTOCARPET V5-105	1,05 m	5,00 m	5,25 m ²	32 kg	5 mm	76 mm
BENTOCARPET V5-210	2,10 m	12,00 m	25,20 m ²	150 kg	5 mm	76 mm
BENTOCARPET V5-420	4,20 m	50,00 m	210,00 m ²	1250 kg	13 mm	125 mm

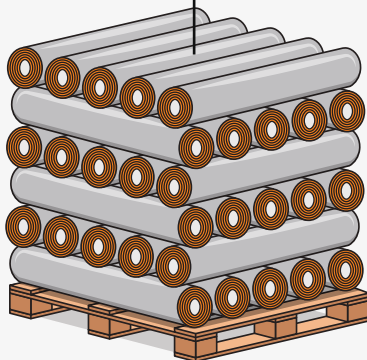
Table 1. / BENTOCARPET V5, roll specification



BENTOCARPET V5

Roll specification

BENTOCARPET V5-105



BENTOCARPET V5-210



BENTOCARPET V5-420

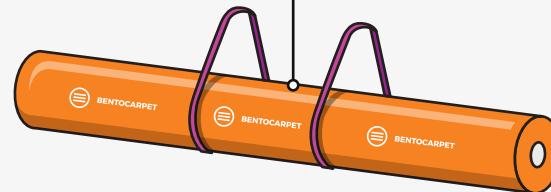


Figure 2. / BENTOCARPET V5, packaging



BENTOCARPET V5

Application

Due to its extraordinary properties, BENTOCARPET V5 is recommended for **waterproofing** and protection of underground structures, horizontal and vertical surfaces such as foundations, underground parts of building walls and similar; for construction of basements, garages, shelters, underpasses, tunnels and other underground objects.

For more information on the application and technical recommendations for installation, contact the sales department directly in the contacts at the end of the brochure or by email:

aleksandar.slijepcevic@bentoproduct.ba

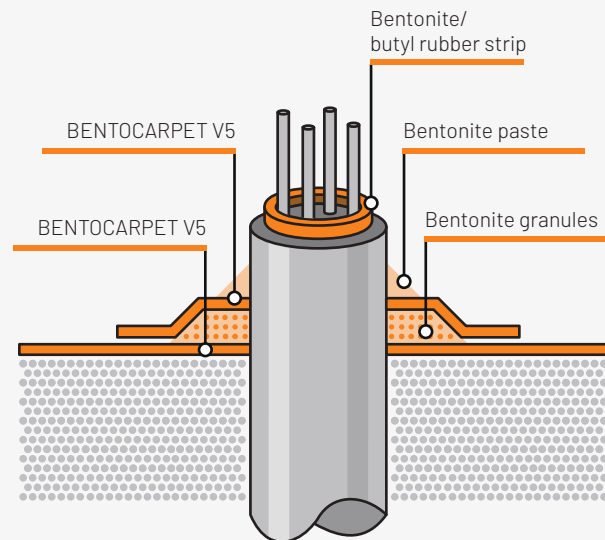


Figure 3. / BENTOCARPET V5, vertical penetration seal

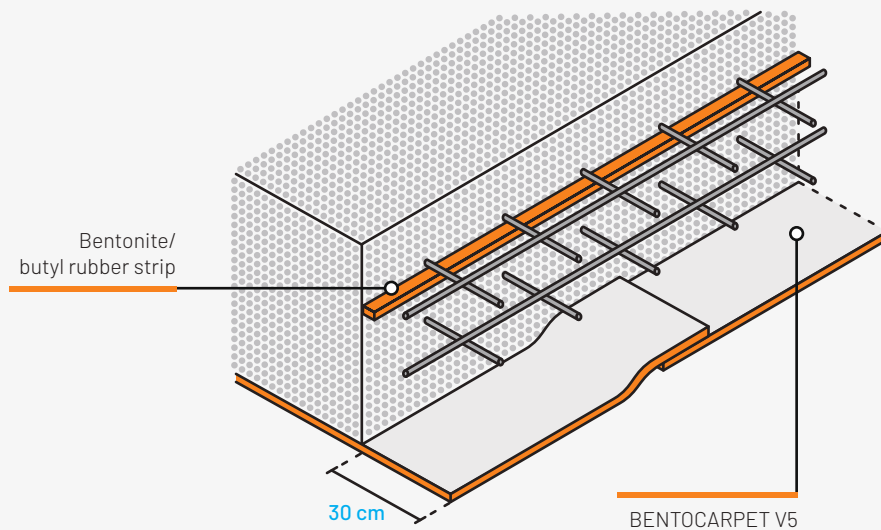


Figure 4. / BENTOCARPET V5, structural slab on blinding



BENTOCARPET V5

Application

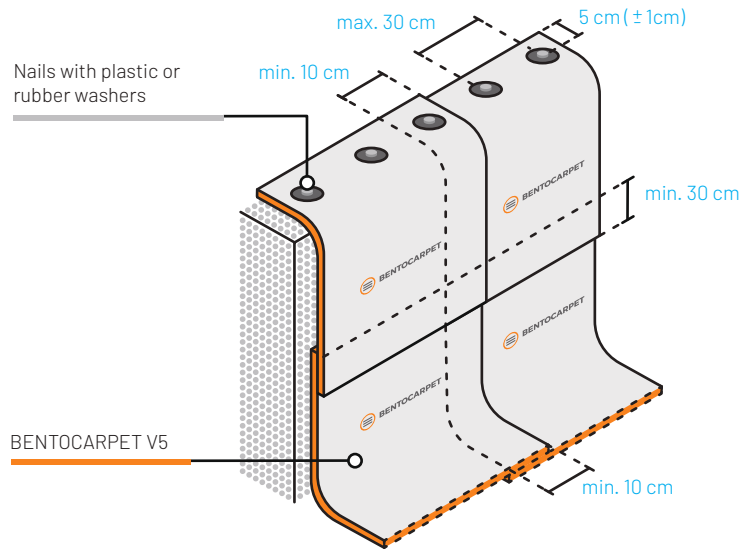


Figure 5. / BENTOCARPET V5, longitudinal overlap on the vertical substrate





BENTOCARPET V5

Application

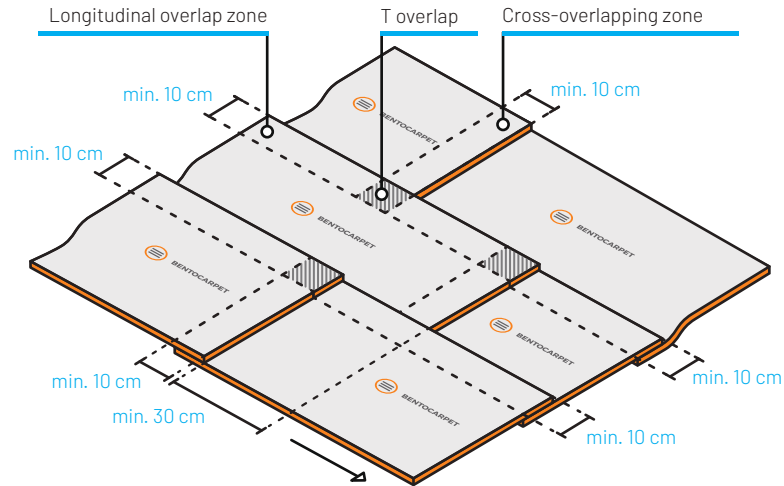


Figure 6. / BENTOCARPET V5, horizontal overlapping



Installation on a horizontal surface



BENTOCARPET V5

Technical support

BENTOPRODUCT provides its customers and partners with exceptional technical support. Our expert team is always available to customers and partners to provide additional information about product application in order to achieve the optimal results.

Our expert team organizes regular visits to the construction sites and acts promptly in case of emergency.

TECHNICAL PRESENTATION OF THE PRODUCTS

All interested contractors, project design agencies or investors are welcome to ask for a commercial and technical presentation of our product portfolio with special emphasis on a specific application of each product.

For more information, please contact:

aleksandar.slijepcevic@bentoproduct.ba





BENTOCARPET V5

Delivery

BENTOPRODUCT has developed an efficient and reliable system for order receipt and it offers well organized and on-time product delivery. The following product packages are available:

BENTOCARPET V5-105 is delivered stacked on a pallet (30 rolls on 1 pallet), protected by transparent stretch foil.

BENTOCARPET V5-210 is wrapped in LDPE foil with UV protection. Upon the customer's request, the roll may be equipped with a pair of slings with carrying capacity of 1t, for the safe handling.

BENTOCARPET V5-420 is wrapped in LDPE foil with UV protection. Rolls are equipped with a pair of slings with carrying capacity of 1t, for the safe handling.

For all information related to transport and delivery procedures, please contact our Sales Department which will guide you through a complete delivery process and make sure the ordered goods reach delivery location exactly as requested.





BENTOCARPET V5

Quality control

BENTOPRODUCT regularly applies a strict concept of quality control system based on five levels of control:

- 1) Raw materials quality control
- 2) Process control
- 3) Final product quality control
- 4) Product application quality control
- 5) External lab quality control

Modern equipped, well-organized laboratory and trained staff enable regular implementation of four-level control, while the fifth level refers to the results verification performed by external laboratories.

The Integrated Management System (IMS) policy of BENTOPRODUCT Ltd. has been based on maintenance and constant improvement of the following systems: ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 and HACCP, KOSHER and HALAL.



CONSTRUCTION



PRODUCTS



BENTOPROSEAL

Sodium-activated bentonite with high-yield and exceptional rheological and waterproofing properties, for special construction works



BENTOCARPET

High quality geosynthetic membrane with bentonite core for waterproofing construction works

BENTOCARPET V5

High-quality geosynthetic bentonite mats for the construction of demanding hydraulic barriers



Ground PLUS

High-quality granulated bentonite for enhancement of electrical conductivity in the construction of grounding installations



Learn more: www.bentoproduct.ba



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