

ROADS AND
ENGINEERING
STRUCTURES



PRODUCTS OF THE COMPANY
GAZPROM NEFT



PRODUCT CATALOGUE

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PRODUCT CATALOGUE

BUILDING DURABLE PAVEMENTS TOGETHER

Gazpromneft-Bitumen Materials is the operator of Gazprom Neft’s bitumen business and one of the key stakeholders in the Russian market of bitumen and bitumen-derived products for industrial, civil and infrastructure construction. Leader of the road construction industry in the production of modified binders and the creation of unique formulations considering climatic conditions and operational loads.

RAW MATERIAL INDEPENDENCE AND PRODUCT QUALITY

The production uses our in-house produced bitumen which undergoes rigorous quality control throughout the entire production chain - from crude oil to finished products, including time-tested domestic raw and consumable materials. This ensures the production of consistently high quality products.

SCIENTIFIC EXPERTISE

Experts of our in-house Research and Development Center (R&D Center) are developing a new generation of domestic bitumen materials, which are drivers for longer service life of construction projects. The use of Russian components reduces the cost of production. Comprehensive import-substituting solutions can be developed in the shortest possible time.

WIDE RANGE OF PRODUCTS

Gazpromneft - Bitumen Materials believes that the customers' appreciation is the key priority in development of the innovative assortment of products. The wide range of bitumen-derived products under Brit brand has proven itself in various sectors of construction industry, most of the materials are top ranked by customers, clients, and government agencies. Today the company's portfolio includes over 300 brands of base, modified and bitumen-derived materials.

INTERINDUSTRY COOPERATION

The company's 10-year experience of inter-industry cooperation with government regulatory agencies and trend-setting authorities, road construction organizations and partners allows it to participate in the development of the country's technological sovereignty.

TECHNOLOGICAL LEADER IN BITUMEN INDUSTRY



20,000

researches per year is
conducted by our own
R&D center*



OVER 300

items in the products range



OVER 250

branded bitumen trucks
in the delivery service



38

regions implement
Gazprom Neft agreements



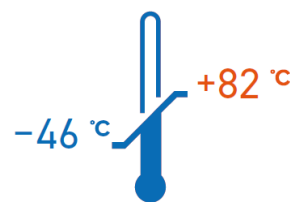
EACH 3rd

road is built with bitumen
materials from Gazprom Neft



4

digital solutions for external
parties



temperature range of the
company's bitumen



27

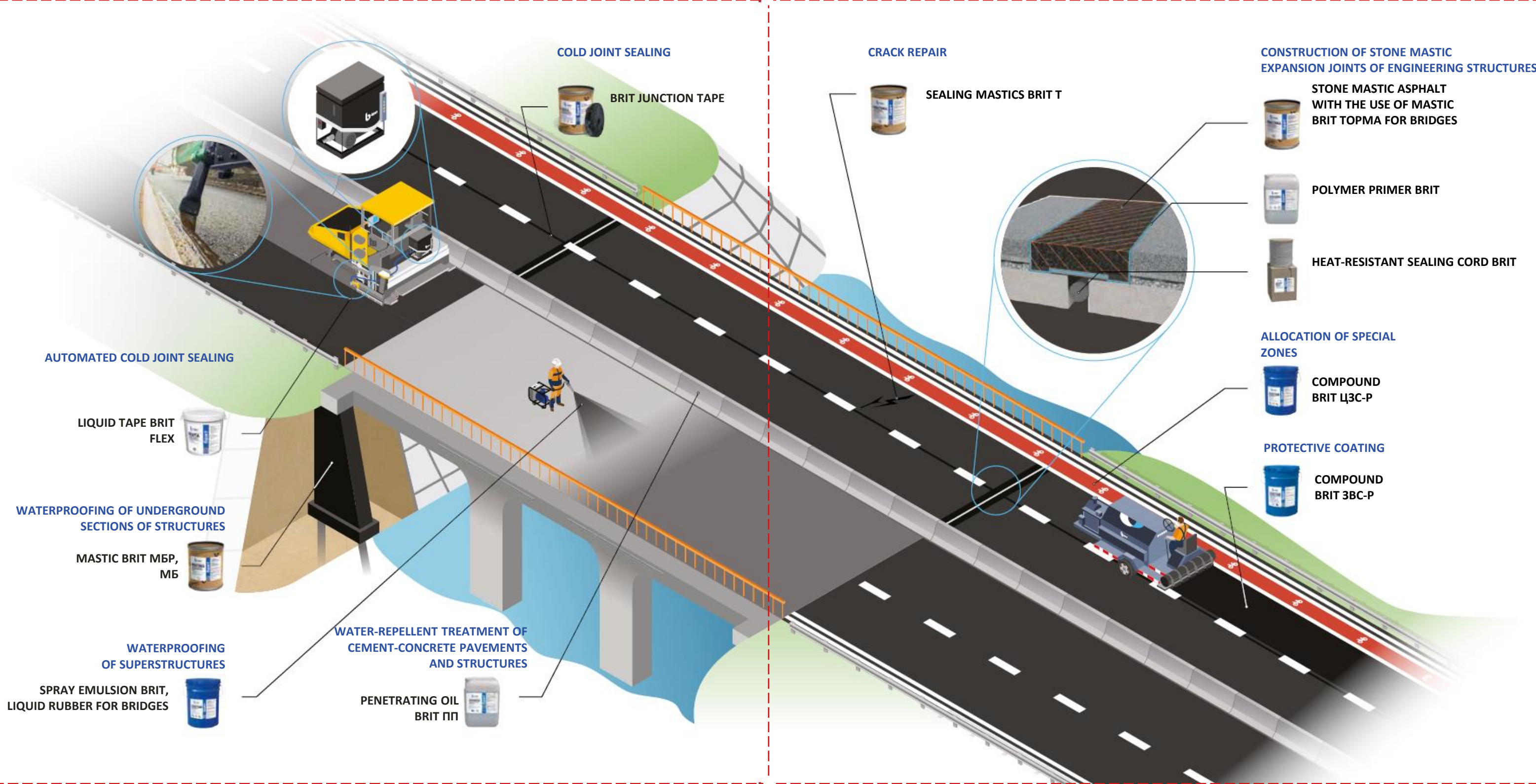
patents for products, tests and
technologies

* Research Center



Brit

PRODUCTS OF THE COMPANY
GAZPROM NEFT



DESIGNATION OF SPECIAL ZONES

COMPOUND BRIT
ЦЗС-Р

CRACK REPAIR

SEALING MASTICS BRIT T

CHARGING
STATION

WATER-REPELLENT TREATMENT OF
CEMENT-CONCRETE PAVEMENTS AND
STRUCTURES

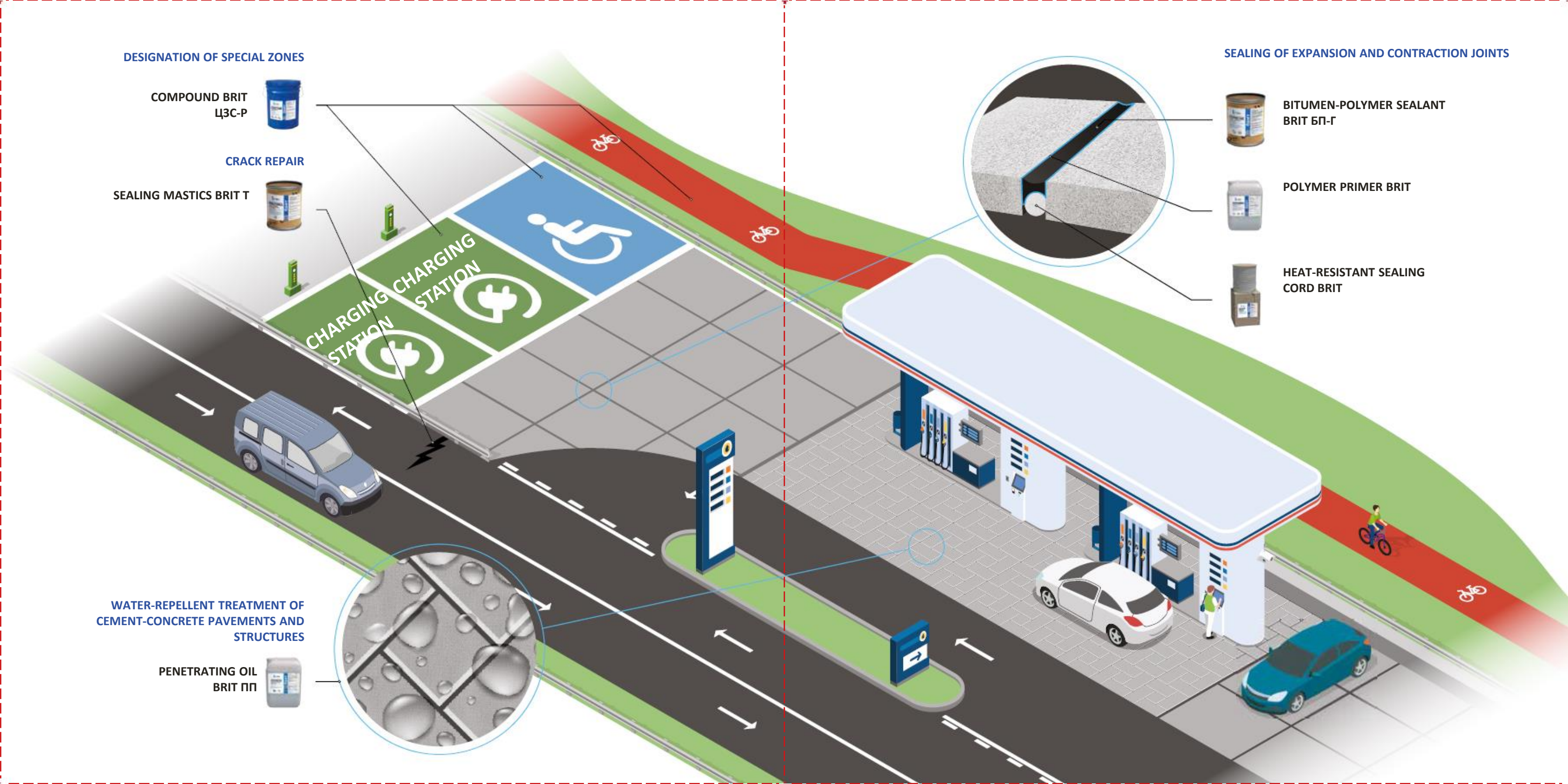
PENETRATING OIL
BRIT ПП

SEALING OF EXPANSION AND CONTRACTION JOINTS

BITUMEN-POLYMER SEALANT
BRIT БП-Г

POLYMER PRIMER BRIT

HEAT-RESISTANT SEALING
CORD BRIT





CONSTRUCTION OF THE WEARING COURSE

BITUMEN-POLYMER JOINT SEALING TAPE
BRIT A, TROPIC, NORD

APPLICATION

- Sealing of:
- longitudinal and transverse construction joints in the construction of asphalt concrete pavements;
 - edges of patches during pothole patching of asphalt concrete pavements, including by poured mixtures;
 - junctions of asphalt concrete with various concrete and metal structures and elements.
 - cracks sealing.

PARAMETER	STANDARD VALUE			TEST METHOD
	BRIT TROPIC	BRIT A	BRIT NORD	
Ring-and-ball softening point, °C, equal to or higher	95	80	85	GOST 11506
Fraas brittle point, °C	-25		-40	GOST 33143
Plasticity: – at 5 °C – at -10 °C	withstands -		- withstands	STO 77310225.001
Heat stability: – at 20 °C – at 35 °C – at 50 °C	- - withstands	- withstands -	withstands - -	STO 77310225.001

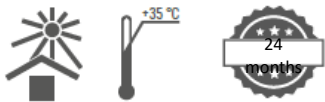
PACKAGING

Fibreboard drum, box.

Standard size	Length of 1 roll, m, ± 0.5		Total length of rolls in a package, m	
	Drum	Box	Drum	Box
40×5	10	13	70	65
40×10	7	6.5	42	32.5
50×5	10	13	60	52
50×8	8.5	7.5	42.5	30



STORAGE
CONDITIONS



PRODUCT
FEATURES

- Reduction in water saturation rate in the cold joint by 45% on average.
- Excellent resistance of junctions to continuous cycles of freezing and thawing.
- Improved strength of joints using the Brit tape is twice as high as that of joints made using conventional technology.
- Availability of tapes for extremely low/high temperatures.

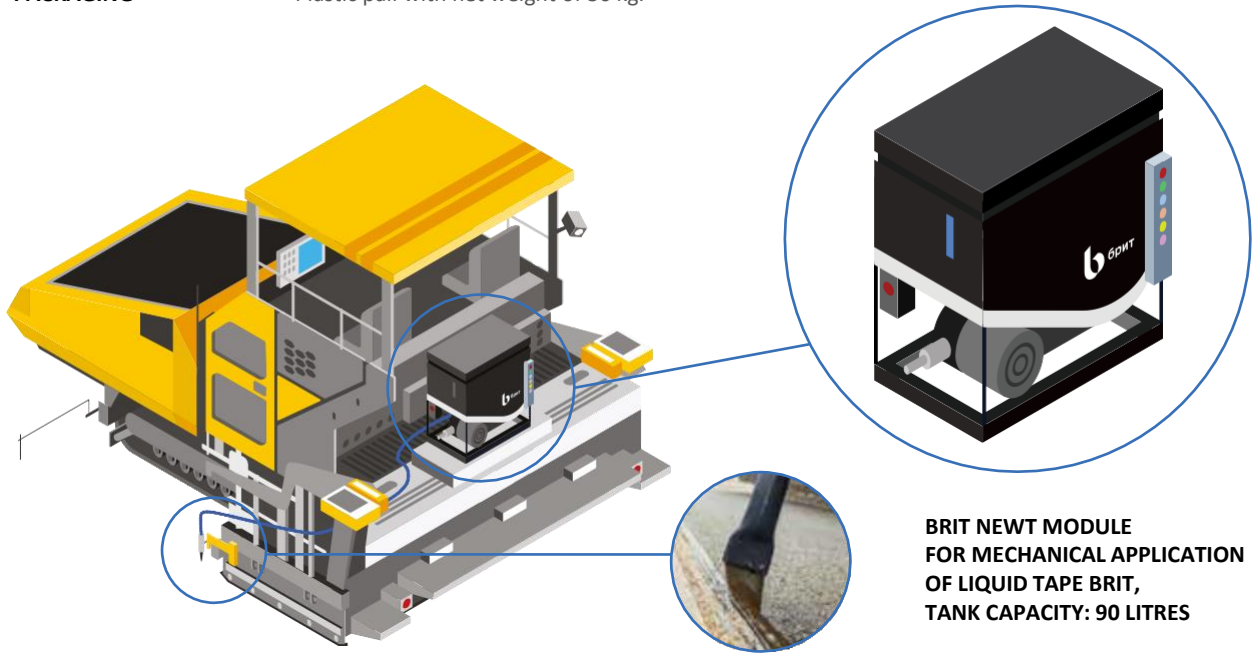
LIQUID BITUMEN-POLYMER JOINT SEALING TAPE
BRIT FLEX

DESCRIPTION Thixotropic bitumen-polymer paste based on modified emulsified bitumen.

APPLICATION Sealing of joints between adjacent strips of asphalt concrete pavement.

PARAMETER	STANDARD VALUE	TEST METHOD
Flexibility on a beam with a radius of curvature of 10 mm, °C	not higher than -15	GOST 30740 with supplement according to STO 77310225.024–2021
Softening point of residual binder, °C	100 or above	GOST 26589 with supplement according to STO 77310225.024–2021
Elasticity of residual binder at 25 °C, %	70 or above	GOST R 52056 with supplement according to STO 77310225.024–2021

PACKAGING Plastic pail with net weight of 30 kg.

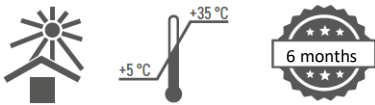


BRIT NEWT MODULE
FOR MECHANICAL APPLICATION
OF LIQUID TAPE BRIT,
TANK CAPACITY: 90 LITRES



Construction of
the wearing
course

STORAGE
CONDITIONS



PRODUCT
FEATURES

- This product is cold-applied and does not require heating.
- Reduced labor intensity of the application process compared to conventional joint tapes.
- Resistance to runoff from the edge of asphalt concrete.
- Excellent pore filling performance.
- Provision of work safety.

STABILIZING ADDITIVE
BITOLITH FOR STONE MASTIC ASPHALT
CONCRETE
DESCRIPTION

A granular additive capable of sorbing (retaining) bitumen binder at process temperatures.

APPLICATION

The material is intended to improve the physical, mechanical and operational quality performance of stone mastic asphalt concrete mixtures according to GOST R 58401.2, GOST 58406.1, GOST 31015 when they are used for the construction of wearing courses of motor roads.

PARAMETER	STANDARD VALUE	TEST METHOD
Dimensions: —length, mm —diameter, mm	3.0–30.0 4.0–6.5	STO 70347231-004-2022
Bulk density, g/cm³	0.25–0.75	GOST 32721
Humidity, % by weight	8.0 max.	GOST R 58406.1
Heat resistance, % by weight	7.0 max.	GOST R 58406.1
Content of process fines, % by weight	5.0 max.	STO 70347231-004-2022

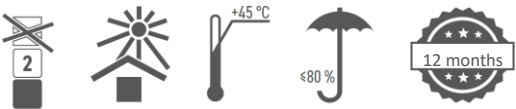
PACKAGING

Jumbo bag with net weight of 500 kg.



Construction of
the wearing
course

STORAGE CONDITIONS



PRODUCT FEATURES

- Use of raw pulp to meet sanitary, epidemiological and hygienic requirements.
- Provides low binder runoff from the edge.
- Improved water resistance of asphalt concrete, including during long-term water saturation, improved corrosion resistance.



CONSTRUCTION OF EXPANSION JOINTS

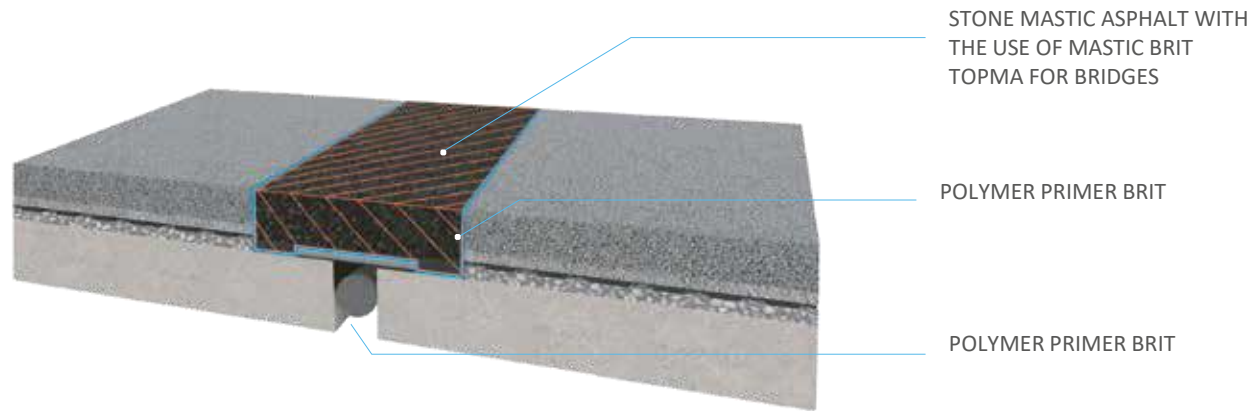
BITUMEN-POLYMER SEALING MASTIC
BRIT TOPMA MOCT (FOR BRIDGES)

DESCRIPTION An elastic-plastic material based on bitumen binder with mineral and polymer additives for hot application.

APPLICATION Construction of stone mastic expansion joints and transition areas on bridges, overpasses and tunnels subject to high traffic loads and/or significant changes in operating temperatures.
The material is heated by pouring boilers.

PARAMETER	STANDARD VALUE	TEST METHOD
Road building climatic zones	II–V	
Ring-and-ball softening point, °C	100 or above	GOST 11506
Ultimate elongation, %	100 or above	GOST 30740 with Supplement according to STO 77310225.003-2021
Resilience, °C	not higher than -35	GOST 30740
Tack temperature, °C	75 or above	GOST 30740
Water absorption, % by weight	0.40 max.	GOST 25945 with supplement according to STO 77310225.003-2021

PACKAGING Fibreboard drum with net weight of 22 kg.



Construction of expansion joints

STORAGE CONDITIONS



PRODUCT FEATURES

- A full-fledged equivalent of foreign sealing materials.
- Wide range of operating temperatures.
- High adhesion and elasticity.
- Reliable sealing of expansion joints.

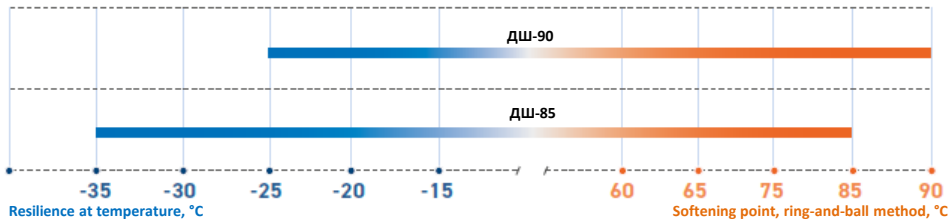
FREQUENTLY BOUGHT TOGETHER:

Polymer Primer BRIT



BITUMEN-POLYMER SEALING MASTICS
ДШ-85, ДШ-90

APPLICATION Construction of stone mastic expansion joints and transition areas on bridges, overpasses and tunnels, including construction of railside joints.



PARAMETER	STANDARD VALUE		TEST METHOD
	ДШ-85	ДШ-90	
Road building climatic zones	II–III	IV–V	
Ring-and-ball softening point, °C	85 or above	90 or above	GOST 11506
Ultimate elongation, %	100 or above	50 or above	GOST 30740
Resilience, °C	not higher than -35	not higher than -25	GOST 30740
Water absorption, % by weight	0.40 max.		GOST 25945
Needle penetration depth at 25°C, 0.1 mm	100 max.	90 max.	GOST 33136
Density at 20°C, g/cm³	0.9–1.2		GOST 25945

PACKAGING Fibreboard drum with net weight of 24 kg.



STORAGE
CONDITIONS



PRODUCT
FEATURES

- High adhesion and elasticity.
- Reliable sealing of expansion joints.

FREQUENTLY BOUGHT
TOGETHER:

Polymer
Primer Brit



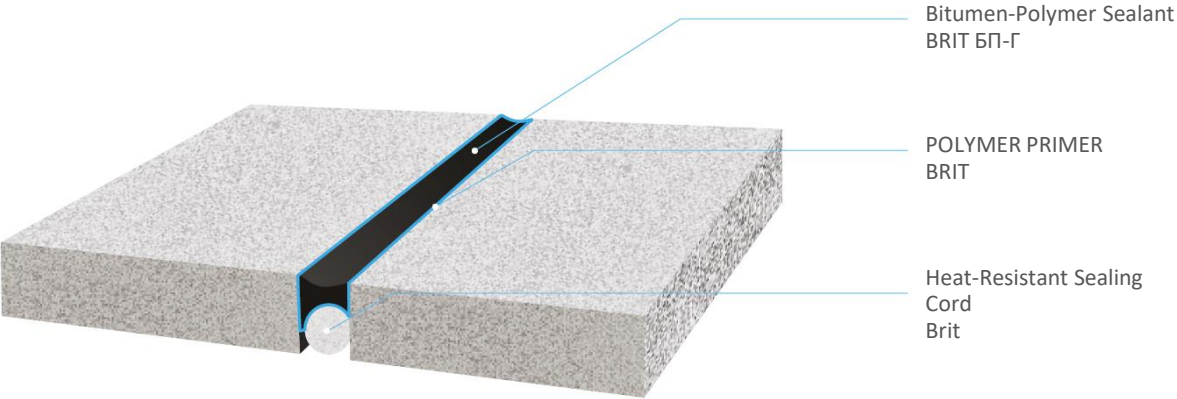
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BITUMEN-POLYMER SEALANT
BRIT БП-Г25, БП-Г35, БП-Г50, БП-Г55 NORD, БП-Г45 TROPIC

APPLICATION Hot-applied material for sealing longitudinal and transverse expansion joints and compression joints, joints between cement concrete pavements of highways and airfields.

PARAMETER	STANDARD VALUE					TEST METHOD
	БП-Г25	БП-Г35	БП-Г50	БП-Г55 NORD	БП-Г45 TROPIC	
Road building climatic zones	IV–V	III–IV	I–II	I–II	IV–V	GOST 30740 with supplement according to STO 77310225.003–2021
Ultimate elongation, %	75 or above	150 or above	200 or above	300 or above	200 or above	
Tack temperature, °C	50 or above				80 or above	
Endurance, number of cycles	at least 30,000					
Aging due to ultraviolet radiation	withstands					GOST 30740
Water absorption, % by weight	0.40 max.					GOST 25945
Density at 20°C, g/cm³	0.9–1.2					

PACKAGING Cardboard box with dividers, net weight 17/22 kg. Fibreboard drum with net weight of 24 kg.



**STORAGE
CONDITIONS**



**PRODUCT
FEATURES**

- Availability of sealants with improved performance for areas with extreme climatic temperatures
- Convenient packaging that reduces the time it takes to heat up the sealant

**FREQUENTLY BOUGHT
TOGETHER:**



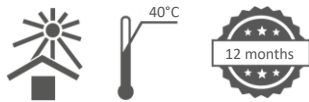
POLYMER PRIMER
BRIT

APPLICATION Treatment of the walls of expansion joint cavities of asphalt concrete and cement concrete road surfaces, airfields and structural elements of expansion joints of bridge decks in order to ensure reliable adhesion with bitumen-polymer sealants and hot-applied mastics.

PARAMETER	STANDARD VALUE	TEST METHOD
Non-volatile substances content by weight, %	32 or above	GOST 31939
Density at 20°C, g/cm³	0.93±0.05	GOST 31992.1 with Supplement according to STO 77310225.007-2023
Drying time to stage 3 at 20°C, min	20 max.	GOST 19007 with Supplement according to STO 77310225.007-2023

PACKAGING Plastic jug, 30 kg.

STORAGE CONDITIONS



PRODUCT FEATURES

- High quality adhesive contact of the sealing bitumen-polymer mastic with the walls of the expansion joint cavities.
- Reliable filling of the base pores.
- Longer service life of the expansion joint.
- Simple and unified application technology.



HEAT-RESISTANT SEALING CORD
BRIT

APPLICATION Shaping the expansion joint cavities in cement concrete and asphalt concrete pavements of highways, airfields, bridge structures, warehouses and service areas when sealing them with hot and cold applied mastics and sealants.

PARAMETER	STANDARD VALUE	TEST METHOD
Gross apparent density, kg/m³	20.0–35.0	GOST 409 with Supplement according to STO 77310225.002–2024
Water absorption, % by weight	2.0 max.	GOST 4650 with Supplement according to STO 77310225.002–2024
Relative residual strain under compression by 25%, %	15 max.	GOST 29089 with Supplement according to STO 77310225.002–2024
Elongation at break, %	20 or above	STO 77310225.002-2024
Heat resistance at 205 °C	withstands	STO 77310225.002-2024

PACKAGING Sealing cord sizes range in Ø from 10 mm to 38 mm. Cardboard box, packaging from 120 to 1700 linear meters.

STORAGE CONDITIONS



PRODUCT FEATURES

- Product from a domestic manufacturer.
- Developed specifically for filling construction (expansion) joints in concrete structures.
- Does not run out of shape when in contact with sealing materials at a temperature of 180-190°C.
- Full range of diameters is available.
- The material is chemically resistant to corrosive media.





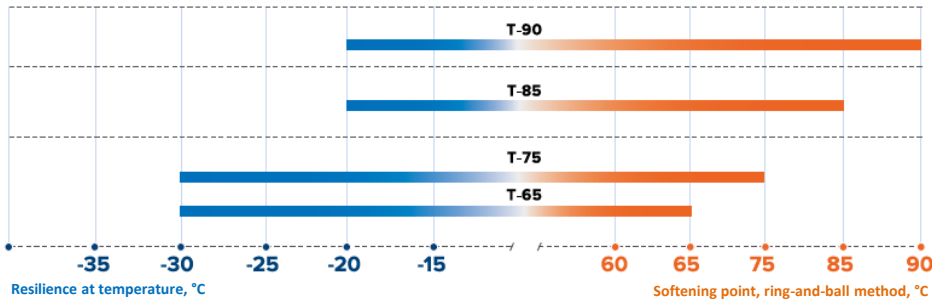
REPAIR AND MAINTENANCE OF THE WEARING COURSE

BITUMEN-POLYMER SEALING MASTICS

BRIT T-65, T-75, T-85, T-90

DESCRIPTION Professional-grade hot applied sealing material.

APPLICATION Sealing of opened and unopened contraction cracks, force cracks and reflective cracks in asphalt concrete road surfaces.



PARAMETER	STANDARD VALUE				TEST METHOD
	T-65	T-75	T-85	T-90	
Road building climatic zones	I-III		III-IV	V	
Ring-and-ball softening point, °C	65 or above	75 or above	85 or above	90 or above	GOST 11506
Resilience, °C	not higher than -30		not higher than -20		GOST 30740
Water absorption, % by weight	0.30 max.				GOST 25945
Needle penetration depth at 25°C, 0.1mm	90 max.	110 max.	80 max.		GOST 33136
Density at 20°C, g/cm³	0.9–1.2				GOST 25945

PACKAGING Fibreboard drum with net weight of 24 kg.
Cardboard box with dividers, net weight 17 kg.



STORAGE
CONDITIONS



PRODUCT
FEATURES

- High-quality sealing and repair of cracks.
- An efficient method of surface integrity restoration.
- Improved heat and cold resistance.

BITUMEN-POLYMER MASTIC
BRIT МБП-Г/ШМ-75

APPLICATION Filling of joints of monolithic or precast concrete or asphalt concrete surfaces, filling of cracks in asphalt concrete surfaces, sealing of junctions of tram rails to the road surface, waterproofing of building structures.

PARAMETER	STANDARD VALUE	TEST METHOD
Ring-and-ball softening point, °C	90 or above	GOST 11506
Needle penetration depth at 25°C,0.1mm	40 max.	GOST 33136
Adhesion strength to base, MPa: — to concrete — to metal	0.50 or above 0.50 or above	GOST 26589 with Supplement according to STO 77310225.016-2018
Flexibility on a beam with a radius of curvature of 5 mm at -15 °C	withstands	
Water absorption, %	0.20 max.	GOST 25945
Density at 20 °C, g/cm ³	0.9–1.2	GOST 25945 with supplement according to STO 77310225.016-2018

PACKAGING Fibreboard drum with polyethylene film insert inside, 24 kg.

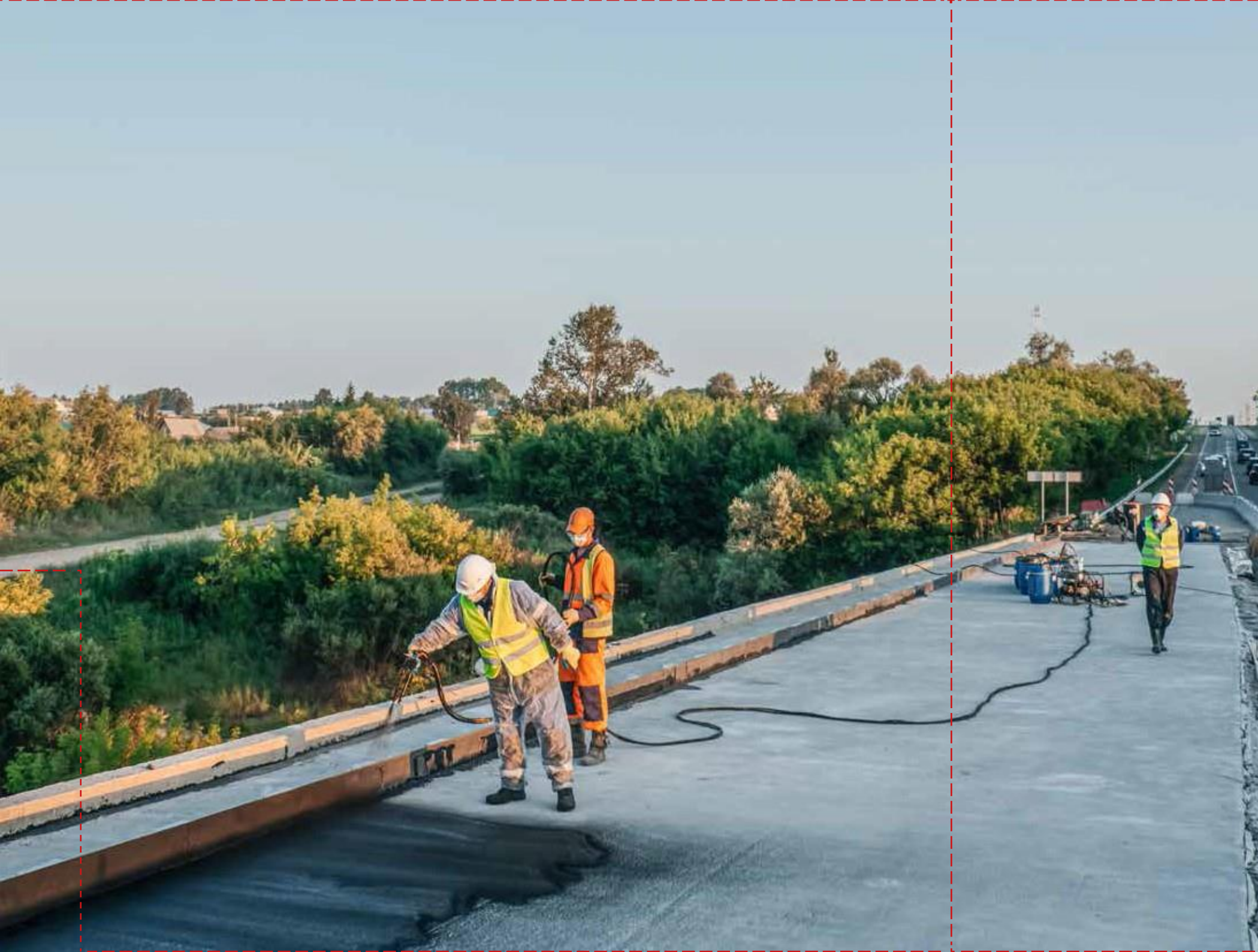


**STORAGE
CONDITIONS**



**PRODUCT
FEATURES**

- High strength of adhesion with the base.
- Application possible at sub-zero temperatures (down to –10°C).
- High heat resistance.
- Resistance to corrosive media.



WATERPROOFING OF BUILDING STRUCTURES

BITUMEN-POLYMER SPRAY EMULSION
BRIT, LIQUID RUBBER FOR BRIDGES

DESCRIPTION Spray-applied two-component water-based bitumen-latex emulsion for mechanical application.

APPLICATION Waterproofing for bridge superstructures, overpasses, flyovers and other engineering structures of transport infrastructure.

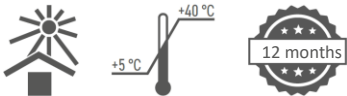
PARAMETER	STANDARD VALUE	TEST METHOD
Nominal strength, MPa	0.2 or above	GOST 26589
Elongation at break, %	1100 or above	
Adhesion strength to concrete base, MPa	0.8 or above	
Flexibility on a beam with a radius of curvature of 5 mm at -25°C	withstands	
Water resistance at a pressure of 0.001 MPa for 4 hours	withstands	
Water resistance at a pressure of 0.03 MPa for 10 minutes	withstands	

PACKAGING Plastic drum 60 kg.

Net weight, kg	Number of units per pallet, pcs	Number of pallets in a 20 t truck, pcs.
60	12	25



STORAGE
CONDITIONS



PRODUCT
FEATURES

- Making seamless waterproofing coating.
- Strong adhesion over the entire application area.
- High speed and ease of application.
- Can be applied to uneven surfaces.
- Dense-graded and poured asphalt concrete mixtures can be laid directly on the waterproofing (does not require a protective screed).

BITUMEN-RUBBER INSULATING MASTIC
BRIT МБР-65, МБР-75, МБР-90, МБР-100

APPLICATION Waterproofing protection of pile foundations, buried reinforced concrete structures; waterproofing of the underground part of bridge structures, as well as underground pipelines (including gas and oil pipelines); a wide range of preventive anti-corrosion protection of reinforced concrete, metal and other surfaces.

PARAMETER	STANDARD VALUE				TEST METHOD
	МБР-65	МБР-75	МБР-90	МБР-100	
Homogeneity	Homogeneous, without foreign inclusions, no filler particles not covered with bitumen				GOST 15836
Ring-and-ball softening point, °C	65 or above	75 or above	90 or above	100 or above	
Needle penetration depth at 25°C, 0.1 mm	40 or above	30 or above	20 or above	15 or above	
Stretchability at 25°C, cm	4 or above		3 or above	2 or above	
Resilience, °C	not higher than 0				GOST 30740
Water saturation for 24 hours, %	0.2 max.				GOST 9812

PACKAGING Fibreboard drum 24 kg.

STORAGE CONDITIONS



PRODUCT FEATURES

- Universal waterproofing material having anti-rust qualities and characterized by a wide range of application.
- High strength of adhesion with the base.
- High elasticity of the set coating.
- Can be applied onto a vertical surface.



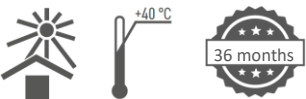
BITUMEN MASTIC
BRIT МБ-50

APPLICATION Waterproofing of underground parts of bridge structures and pipelines.

PARAMETER	STANDARD VALUE	TEST METHOD
Ring-and-ball softening point, °C	50 or above	GOST 33142
Needle penetration depth at 25°C, 0.1 mm	75 max.	GOST 33136
Fraas brittle point, °C	not higher than -10	GOST 33143

PACKAGING Fibreboard drum 24 kg.

STORAGE CONDITIONS



PRODUCT FEATURES

- Can be applied to wooden surfaces.
- Possesses antiseptic properties.





PROTECTION AND RESTORATION OF PAVEMENTS

PROTECTIVE AND RESTORATIVE MIX
BRIT 3BC-P 65, 3BC-P 75, 3BC-P 85

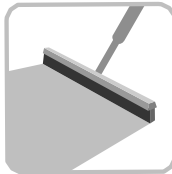
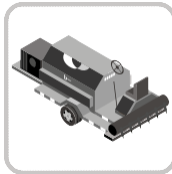
DESCRIPTION A one-component, solvent-based compound that is ready to use and does not require heating.

APPLICATION This product is used on asphalt concrete surfaces of highways, airfields, engineering structures, motorway service facilities and other transport infrastructure facilities at the construction, refurbishment and major repair stages to restore the performance characteristics of the surface, eliminate minor surface defects and extend service life.

PARAMETER	STANDARD VALUE			TEST METHOD
	3BC-P 65	3BC-P 75	3BC-P 85	
Funnel viscosity at 20°C, s	10–25	25–50	15 or above	GOST 11503
Non-volatile substances by weight, %, ±8	65	75	85	GOST 31939
Density at 20°C, g/cm³	1.75 max.			GOST 31992.1
Drying time to stage 3, min	60 max.	60 max.	180 max.	GOST 19007
Variation of adhesion factor, %	10 max. 10 max.			STO 77310225.039-2023
—to asphalt concrete				
—to stone mastic asphalt concrete				

PACKAGING	Metal pail.			
		Net weight, kg	Number of units per pallet, pcs	Number of pallets in a 20 t truck, pcs.
	3BC-P 65	25	33	22
	3BC-P 75	28	33	20
	3BC-P 85	28	33	20

CONSUMPTION 0.8–2.0 kg/m² (depending on the condition and type of the base).



STORAGE
CONDITIONS



PRODUCT
FEATURES

- It contains a mineral filler and maintains high adhesion coefficient.
- Effectively restores the surface structure of asphalt concrete.
- Eliminates minor defects and peeling of asphalt.
- Gives the appearance of a newly-laid road pavement.
- Extends the life of asphalt.
- The application area can be used 3 hours after the work has been completed.
- The material is easy to use.

PROTECTIVE COLOR COMPOUND
BRIT L3C-P

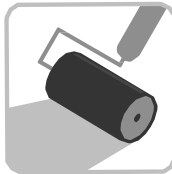
DESCRIPTION Cold applied decorative material

APPLICATION This product is intended for the construction of colored pavements for pedestrian areas and parking spaces, bicycle paths and other facilities.

PARAMETER	STANDARD VALUE	TEST METHOD
Funnel viscosity at 20°C, s	200 max.	GOST 11503
Non-volatile substances content by weight, %	50.0–95.0	GOST 31939
Density at 20°C, g/cm³	1.75 max.	GOST 31992.1
Drying time, h	1 max.	GOST 19007
Variation of adhesion factor after application of the compound, %	20 max.	GOST 33078

PACKAGING Metal pail.		
Net weight, kg	Number of units per pallet, pcs	Number of pallets in a 20 t truck, pcs.
25	33	22

CONSUMPTION ~1.0 – ~1.6 kg/m² (depending on the condition and type of the base).



STORAGE
CONDITIONS



PRODUCT
FEATURES

- Optimal solution for separating traffic flows and concentrating the attention of road users.
- Wide range of colors.

WATER-REPELLENT PENETRATING OIL
BRIT ПП

DESCRIPTION A transparent solution of organosilicon compounds and modifying agents in an organic solvent, ready for use.

APPLICATION This product is used for treating cement concrete road surfaces, concrete guard rails and other structures. Not film-forming.
After application to the surface, the penetrating oil forms a hydrophobic surface while providing vapor and air permeability of the treated surfaces.

PARAMETER	STANDARD VALUE	TEST METHOD
Non-volatile substances content by weight, %	12 or above	GOST 31939
Density at 20 °C, g/cm³, ±0.5	0.8±0.05	GOST 31992.1
Drying time to stage 3 at 20°C, min	0.5 max.	GOST 19007

PACKAGING Plastic jug, 30 liter		
Net weight, kg	Number of units per pallet, pcs	Number of pallets in a 20 t truck, pcs.
25	24	22

CONSUMPTION Primary treatment: 0.25-0.75 kg/m²; secondary treatment: 0.15-0.35 kg/m².
(depending on the structure and density of the surfaces being treated)



STORAGE
CONDITIONS



PRODUCT
FEATURES

- High penetrating power.
- Resistance of the finished layer to corrosive media.
- An efficient method for rust protection of concrete structures.
- Improved service life of cement concrete structures.
- Simple and unified application technology.

BRIT BRAND PRODUCT CATALOGUES

ALL BRIT BRAND PRODUCTS ARE PRESENTED IN OUR OTHER CATALOGUES BY CATEGORIES



- "ROADS AND ENGINEERING STRUCTURES"
- "AIRFIELDS"
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