

INDUSTRIAL AND
CIVIL
CONSTRUCTION



GAZPROM NEFT
COMPANY PRODUCTS



PRODUCT CATALOG

CREATING ROBUST COATINGS TOGETHER

Gazpromneft - Bitumen Materials is the bitumen business operator of Gazprom Neft, playing a major role on the Russian market of bitumen and bitumen derivatives for industrial, civil, and infrastructural construction. The road industry leader in the producing modified binding agents, and developing unique recipes with the consideration of climatic and operating conditions.

OWN RAW MATERIALS AND HIGH-QUALITY PRODUCTS

For production purposes, we use own bitumen that undergoes thorough quality control throughout the production cycle: from crude oil to finished products, and domestic well-proven raw materials and components. Therefore, the performance of our products is always at a high level.

SCIENTIFIC ASSESSMENT

Experts of own Research Center (RC) develop advanced bitumen materials to extend service life of construction facilities. Use of domestic components allows to decrease production costs. We can develop complete alternative solutions within short timeframes.

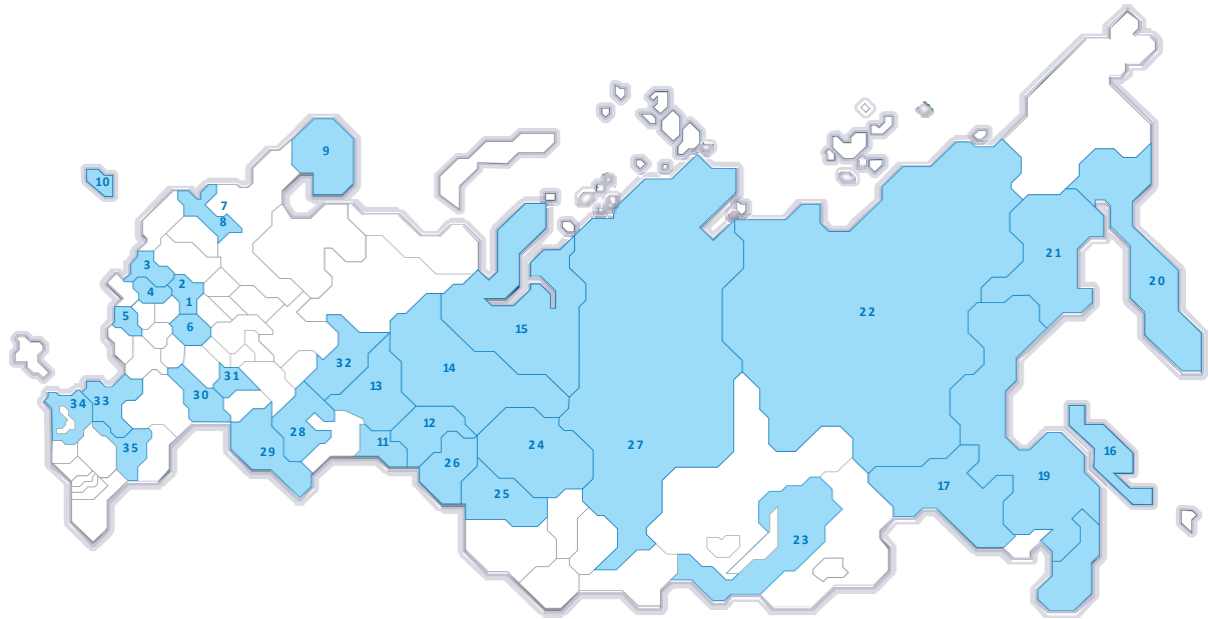
WIDE VARIETY OF PRODUCTS

The key priority of innovation product range of Gazpromneft - Bitumen Materials Company is to meet needs of the most demanding customers. A wide range of bitumen derivatives under the "Brit" brand is well-proven in different sectors of the construction industry, many of the materials are highly ranked by customers, users, and public regulatory agencies. To date, the Company product line counts over 300 types of basic, modified, and bitumen-derivative products.

CROSS-INDUSTRY COOPERATION

10-year experience of cross-industry cooperation of the Company with public regulatory agencies supervising the industry development, road and construction companies, and other business partners make us able to contribute to building up the technology independence of our country.

TECHNOLOGY LEADER IN BITUMEN INDUSTRY



CFD:

- 1 Moscow
- 2 Moscow Region
- 3 Smolensk Region
- 4 Kaluga Region
- 5 Kursk Region
- 6 Ryazan Region

NWFD:

- 7 St. Petersburg
- 8 Leningrad Region
- 9 Murmansk Region
- 10 Kaliningrad Region

UFD:

- 11 Kurgan Region
- 12 Tyumen Region
- 13 Sverdlovsk Region
- 14 KhMAD-Yugra
- 15 YaNAD

FEFD:

- 16 Sakhalin Region
- 17 Amur Region
- 18 Primorsky Territory
- 19 Khabarovsk Territory
- 20 Kamchatka Territory
- 21 Magadan Region
- 22 Republic of Sakha (Yakutia)
- 23 Republic of Buryatia

SFD:

- 24 Tomsk Region
- 25 Novosibirsk Region
- 26 Omsk Region
- 27 Krasnoyarsk Territory

VFD:

- 28 Republic of Bashkortostan
- 29 Orenburg Region
- 30 Nizhny Novgorod Region
- 31 Samara Region
- 32 Perm Territory

SFD:

- 33 Rostov Region
- 34 Krasnodar Territory

NCFD:

- 35 Stavropol Territory



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PRODUCTS of
**GAZPROM NEFT
COMPANY**

"BRIT" STANDARD R MASTIC
FOR GLUING ROLL MATERIALS



"BRIT" CONNECT-
R PRIMER



"BRIT" STANDARD-
R PRIMER



"BRIT" STANDARD R
MASTIC FOR GLUING
FLEXIBLE ROOF TILE



"BRIT" MBK-G
MASTIC



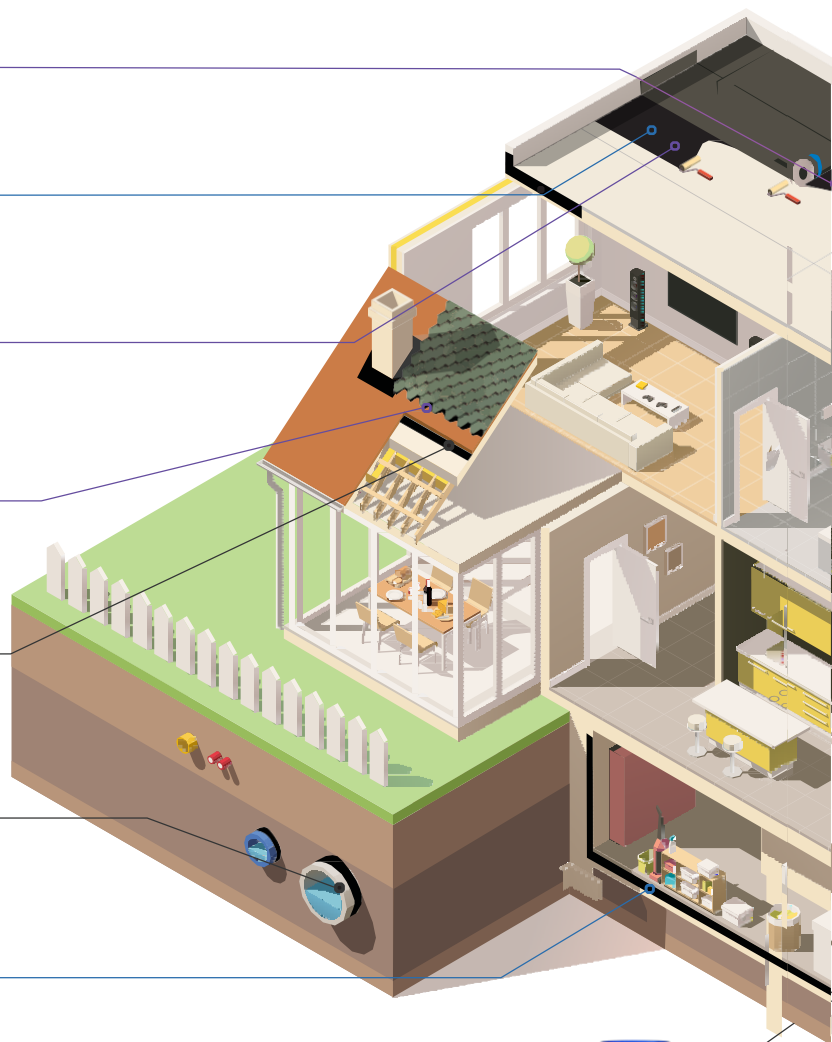
"BRIT" MBR
MASTIC

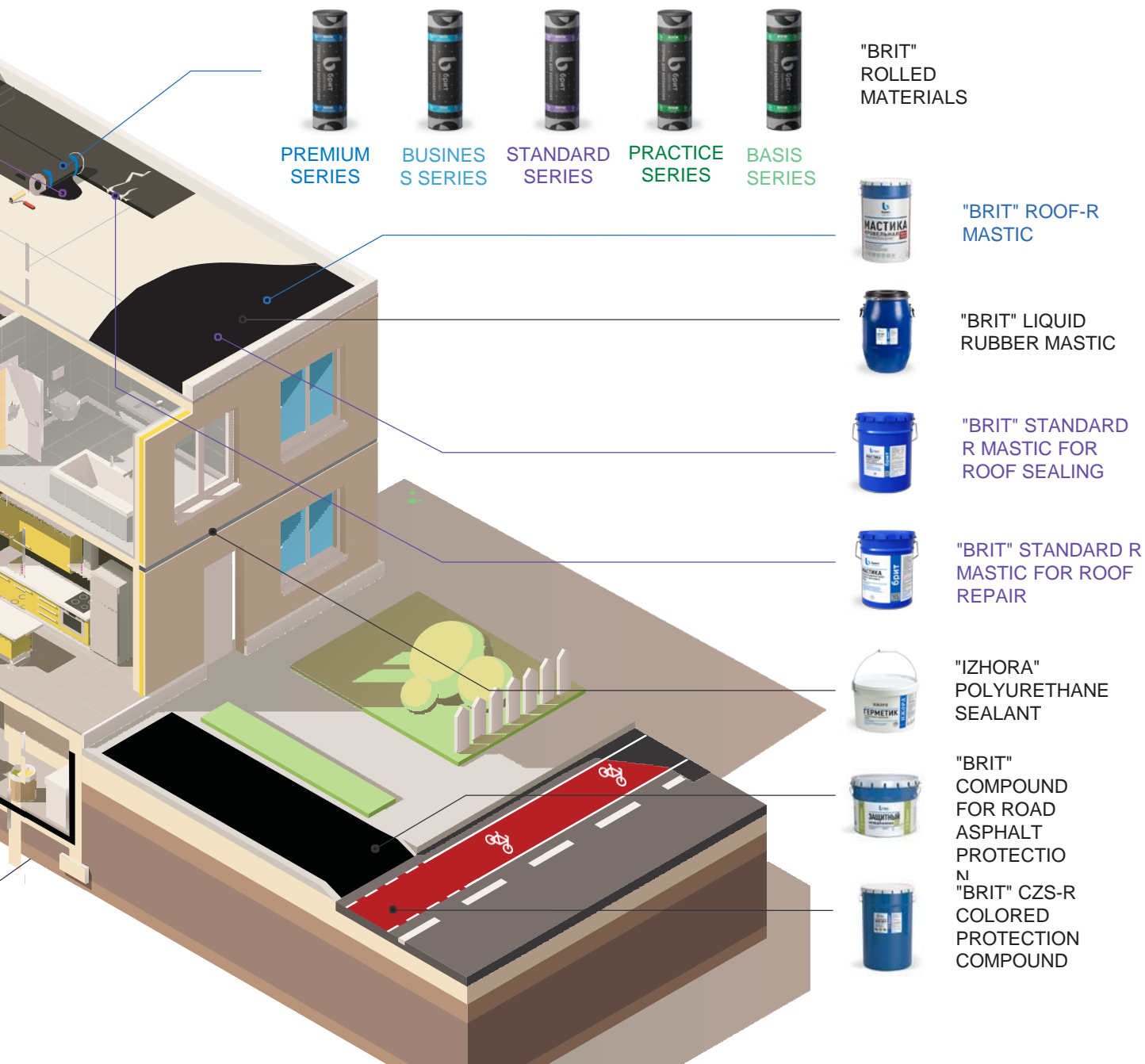


"BRIT"
INSULATION-R
MASTIC



"BRIT" STANDARD
R MASTIC FOR
FOUNDATIONS









ROLLED BITUMEN MATERIALS

PREMIUM

BUSINESS

STANDARD

PRACTICE

BASIS

BRIDGE

ROLLED "BRIT" **PREMIUM** ROOF-COVERING AND SEALING BITUMEN-
POLYMER MATERIALS

SCOPE OF
APPLICABILITY:

The material is used for forming (except creating roof gardens and trafficable roofs), or repairing multi-layer roof carpets by depositing. Premium EPP is also used for sealing constructions structures.

PARAMETER	PREMIUM					TEST METHOD
	Polyester-based		Glass-fiber mat based	Glass fabric based		
	EPP	ECP	HPP	TPP	TCP	
Length, m, at least	10.00	10.00	10.00	10.00	10.00	GOST EN 1848-1
Width, mm, at least	1000	1000	1000	1000	1000	
Thickness, mm	4.0 ± 0.2	4.2 ± 0.2	3.0 ± 0.2	4.0 ± 0.2	4.2 ± 0.2	GOST EN 1849-1
Dead weight per area unit, kg/m²	5.00 ± 0.50	5.50 ± 0.50	4.00 ± 0.30	5.20 ± 0.30	5.50 ± 0.30	
Maximum tensile force, H/50, ±200: –longitudinal –transverse	800 600	800 600	500 350	1200 1200	1200 1200	GOST 31899-1
Flexibility at –25 °C: –for underside –for front side	Withstand Withstand	Withstand -	- -	- -	- -	GOST EN 1109
Flexibility against curvature radius of 25 mm, °C, not more than	-	-	–25	–25	–25	GOST 2678
Heat resistance at 100 °C	Withstand	Withstand	Withstand	Withstand	Withstand	GOST EN 1110

For the full list of rated parameters, see STO 77310225.022–2020 and STO 77310225.037–2022

PACKAGING:

Rolls are secured via branded sticky tape at the top and at the bottom. Rolls are put on palletes, and wrapped in thermo-shrinkable sleeve.

Brand of material	Q-ty of rolls per palette	Q-ty of palletes (20t truck)
Premium EPP	23 pcs.	17 pcs.
Premium ECP	23 pcs.	16 pcs.
Premium HPP	25 pcs.	20 pcs.
Premium TPP	23 pcs.	17 pcs.
Premium TCP	23 pcs.	16 pcs.



**PRODUCT
ADVANTAGES:**

- The binding agent weight at the build-up side is at least 2 kg per m²;
- Applicable in any climatic zones;
- No shrinkage owing to harnessing state-of-the-art solutions.
- The material is high-adhesive to different base surfaces.

ROLLED "BRIT" **BUSINESS** ROOF-COVERING AND SEALING BITUMEN-
POLYMER MATERIALS

SCOPE OF
APPLICABILITY:

The material is used for forming (except creating roof gardens and trafficable roofs), or repairing multi-layer roof carpets by depositing. Business EPP is also used for sealing constructions structures.

PARAMETER	BUSINESS						TEST METHOD
	Polyester-based		Glass-fiber mat based		Glass fabric based		
	EPP	ECP	HPP	HCP	TPP	TCP	
Length, m, at least	10.00	10.00	10.00	10.00	10.00	10.00	GOST EN 1848-1
Width, mm, at least	1000	1000	1000	1000	1000	1000	
Thickness, mm	3.0 ± 0.2	3,8 ± 0,2	2.8 ± 0.2	3,8 ± 0,2	2.8 ± 0.2	3,8 ± 0,2	GOST EN 1849-1
Dead weight per area unit, kg/m²	4.30 ± 0.50	5.20 ± 0.50	4.00 ± 0.30	5.00 ± 0.30	4.00 ± 0.30	5.00 ± 0.30	
Maximum tensile force, H/50, ±200: –longitudinal –transverse	700 500	700 500	500 350	500 350	1000 1100	1000 1100	GOST 31899-1
Flexibility at –20 °C: –for underside –for front side	Withstand Withstand	Withstand –	– –	– –	– –	– –	GOST EN 1109
Flexibility against curvature radius of 25 mm, °C, not more than	–	–	–20	–20	–20	–20	
Heat resistance at 100 °C	Withstand	Withstand	Withstand	Withstand	Withstand	Withstand	GOST EN 1110

For the full list of rated parameters, see STO 77310225.022–2020 and STO 77310225.037–2022

PACKAGING:

Rolls are secured via branded sticky tape at the top and at the bottom. Rolls are put on pallettes, and wrapped in thermo-shrinkable sleeve.

Brand of material	Q-ty of rolls per palette	Q-ty of pallettes (20t truck)
Business EPP	25 pcs.	19 pcs.
Business ECP	23 pcs.	17 pcs.
Business HPP	25 pcs.	20 pcs.
Business HCP	23 pcs.	17 pcs.
Business TPP	25 pcs.	20 pcs.
Business TCP	23 pcs.	17 pcs.



**PRODUCT
ADVANTAGES:**

- The binding agent weight at the build-up side is at least 2 kg per m²;
- Applicable in any climatic zones;
- No shrinkage owing to harnessing state-of-the-art solutions.

ROLLED BITUMEN-POLYMER ROOF MATERIAL

"BRIT" STANDARD

SCOPE OF
APPLICABILITY:

The material is used for forming (except creating roof gardens and trafficable roofs), or repairing multi-layer roof carpets by depositing.

PARAMETER	STANDARD						TEST METHOD
	Polyester-based		Glass-fiber mat based		Glass fabric based		
	EPP	ECP	HPP	HCP	TPP	TCP	
Length, m, at least	15.00	10.00	15.00	10.00	15.00	10.00	GOST EN 1848-1
Width, mm, at least	1000	1000	1000	1000	1000	1000	
Dead weight per area unit, kg/m²	3.00 ± 0.15	4.00 ± 0.20	3.00 ± 0.15	4.00 ± 0.20	3.00 ± 0.15	4.00 ± 0.20	GOST EN 1849-1
Maximum tensile force, H/50: –longitudinal ±200 –transverse ±150	550	550	500	500	1000	1000	GOST 31899-1
	350	350	300	300	800	800	
Flexibility against curvature radius of 25 mm, °C, not more than	-15	-15	-15	-15	-15	-15	GOST 2678
Heat resistance at 90 °C	Withstand	Withstand	Withstand	Withstand	Withstand	Withstand	GOST EN 1110

For the full list of rated parameters, see STO 77310225.030–2022

PACKAGING:

Rolls are secured via branded sticky tape at the top and at the bottom. Rolls are put on palettes, and wrapped in thermo-shrinkable sleeve.

Brand of material	Q-ty of rolls per palette	Q-ty of palettes (20t truck)
Standard EPP	23 pcs.	19 pcs.
Standard ECP	25 pcs.	20 pcs.
Standard HPP	23 pcs.	19 pcs.
Standard HCP	25 pcs.	20 pcs.
Standard TPP	23 pcs.	19 pcs.
Standard TCP	25 pcs.	20 pcs.



**PRODUCT
ADVANTAGES:**

- Quick laying owing to the presence of an advanced bitumen-polymer binding agent in the material;
- Dimensional consistency and no shrinkage.

ROLLED BITUMEN ROOF MATERIAL

"BRIT" PRACTICE

SCOPE OF APPLICABILITY:

The material is used for forming (except creating roof gardens and trafficable roofs), or repairing multi-layer roof carpets by depositing.

PARAMETER	PRACTICE				TEST METHOD
	Glass-fiber mat based		Glass fabric based		
	HPP	HCP	TPP	TCP	
Length, m, at least	15.00	10.00	15.00	10.00	GOST EN 1848-1
Width, mm, at least	1000	1000	1000	1000	
Dead weight per area unit, kg/m²	3.60 ± 0.25	4.60 ± 0.25	3.60 ± 0.25	4.60 ± 0.25	GOST EN 1849-1
Maximum tensile force, H/50, ±200: —longitudinal —transverse	500	500	1000	1000	GOST 31899-1
	350	350	1000	1000	
Flexibility against curvature radius of 25 mm, °C, not more than	0	0	0	0	GOST 2678
Heat resistance at 90 °C	Withstand	Withstand	Withstand	Withstand	GOST EN 1110

For the full list of rated parameters, see STO 77310225.043–2022

PACKAGING:

Rolls are secured via branded sticky tape at the top and at the bottom. Rolls are put on palettes, and wrapped in thermo-shrinkable sleeve.

Brand of material	Q-ty of rolls per palette	Q-ty of palettes (20t truck)
Practice HPP	23 pcs.	16 pcs.
Practice HCP	25 pcs.	17 pcs.
Practice TPP	23 pcs.	16 pcs.
Practice TCP	25 pcs.	17 pcs.



**PRODUCT
ADVANTAGES:**

- Dimensional consistency and no shrinkage;
- High heat resistance;
- High-quality bitumen.

ROLLED BITUMEN ROOF MATERIAL

"BRIT" BASIS

SCOPE OF APPLICABILITY

The material is intended for forming (except creating roof gardens and trafficable roofs), or repairing multi-layer roof carpets by depositing.

PARAMETER	BASIS				TEST METHOD
	Glass-fiber mat based		Glass fabric based		
	HPP	HCP	TPP	TCP	
Length, m, at least	9.00	9.00	9.00	9.00	GOST EN 1848-1
Width, mm, at least	1000	1000	1000	1000	
Dead weight per area unit, kg/m²	2.10 ± 0.20	3.50 ± 0.20	2.10 ± 0.20	3.50 ± 0.20	GOST EN 1849-1
Maximum tensile force, H/50: –longitudinal –transverse	400 ± 200 300 ± 200	400 ± 200 300 ± 200	800 ± 500 600 ± 500	800 ± 500 600 ± 500	GOST 31899-1
Relative elongation, %: –longitudinal –transverse	4 ± 2 4 ± 2	4 ± 2 4 ± 2	6 ± 4 6 ± 4	6 ± 4 6 ± 4	
Flexibility against curvature radius of 25 mm, °C, not more than	Withstand	Withstand	Withstand	Withstand	GOST 2678
Heat resistance at 80 °C	Withstand	Withstand	Withstand	Withstand	GOST EN 1296, GOST EN 1110

For the full list of rated parameters, see STO 77310225.044–2023

PACKAGING:

Rolls are secured via branded sticky tape at the top and at the bottom. Rolls are put on palettes, and wrapped in thermo-shrinkable sleeve.

Brand of material	Q-ty of rolls per palette	Q-ty of palettes (20t truck)
Basis HPP	49 pcs.	21 pcs.
Basis HCP	30 pcs.	21 pcs.
Basis TPP	49 pcs.	21 pcs.
Basis TCP	30 pcs.	21 pcs.



**PRODUCT
ADVANTAGES:**

- Quick laying owing to the presence of an advanced bitumen-based binding agent in the material;
- No shrinkage during depositing;
- High-adhesive to different base surfaces;
- Efficient compensation of surface unevenness;
- Easy-to-deposit on vertical surfaces.

"BRIT" ROLLED BITUMEN-POLYMER MATERIALS **BRIDGE-B EMP, BRIDGE-S EMP** FOR SEALING BRIDGE STRUCTURES

SCOPE OF
APPLICABILITY:

The material is intended for sealing surfaces of bridges and underground structures, forming protective and cohesive layers on steel orthotropic slabs of bridge spans, and sealing road spans with reinforced-concrete slabs where a sealing layer is formed right atop the asphalt-concrete coating, including those of cast-in mixtures with temperature of up to 220 °C.

PARAMETER	REFERENCE VALUE		TEST METHOD
	BRIDGE-B EMP	BRIDGE-S EMP	
Length, m, at least	8.00 ± 0.2	8.00 ± 0.2	GOST R 55407
Width, mm, at least	1000 ± 20	1000 ± 20	GOST R 55407
Thickness, mm	5.1 ± 0.1	5.3 ± 0.1	GOST R 55398
Dead weight per area unit, kg/m²	5,5	5,5	GOST R 55398
Maximum tensile force, H, at least: –longitudinal –transverse	600 600	1000 900	GOST R 55408
Material flexibility temperature, °C, at least	-25	-25	GOST R 55400
Heat resistance, °C, at least	100	140	GOST R 55409

For the full list of rated parameters, see STO 77310225.023–2021

PACKAGING:

Rolls are secured via branded sticky tape at the top and at the bottom. Rolls are put on palettes, and wrapped in thermo-shrinkable sleeve.

Brand of material	Q-ty of rolls per palette	Q-ty of palettes (20t truck)
BRIDGE-B EMP	20 pcs.	19 pcs.
BRIDGE-S EMP	20 pcs.	19 pcs.



**PRODUCT
ADVANTAGES:**

- Dimensional consistency and no shrinkage;
- An increased amount of material per area unit;
- High longitudinal/transverse ultimate tensile strength;
- High-quality bitumen.





MASTICS and PRIMERS

PREMIUM

STANDARD

"BRIT" CONNECT-R BITUMEN PRIMER

SCOPE OF
APPLICABILITY:

Cold-applied commercial material. Good adhesion to different base surfaces during forming sealing coatings made of torchable and self-adhesive rolled roof and insulation materials, anti-corrosion coatings and bitumen mastics.

PARAMETER	REFERENCE VALUE	TEST METHOD
Mass fraction of non-volatiles, %, at least	60.0	GOST 31939
Adhesive strength, MPa, at least		GOST 26589
–to concrete	0.20	
–to metal	0.20	
Softening temperature, °C, not lower than	95	
Relative viscosity, c, at least	40	GOST R 8420
Curing time, h, not more than	6,0	STO 77310225.029–2021

For the full list of rated parameters, see STO 77310225.029–2021

PACKAGING:

Metal bucket. Net weight 4.5/9/18 kg.
Q-ty of buckets per palette: 4.5 kg — 96 pcs., 9 kg — 55 pcs., 18 kg — 33 pcs.

CONSUMPTION RATE:

0.25–0.35 kg/m²



**PRODUCT
ADVANTAGES:**

- Suitable for most of surfaces: brick, concrete, wood, slate, metal, stone;
- Resistant under a wide temperature range;
- High-adhesive to base surfaces;
- High-strength;
- High pore occupancy rate, slight cracks and slight superficial defects.

"BRIT" CONNECT-R BITUMEN PRIMER CONCENTRATE

SCOPE OF
APPLICABILITY:

Cold-applied commercial material. Good adhesion to different base surfaces during forming sealing coatings made of torchable and self-adhesive rolled roof and insulation materials, anti-corrosion coatings and bitumen mastics.

Prior to use, it is necessary to dilute the primer by a solvent (toluene, xylol, white-spirit etc.) to the weight ratio of 1.0:1.0 or 1.0:1.5.

PARAMETER	REFERENCE VALUE	TEST METHOD
Mass fraction of non-volatiles, %, at least	80.0	GOST 31939
Adhesive strength, MPa, at least		GOST 26589
–to concrete	0.20	
–to metal	0.20	
Softening temperature, °C, not more than	95	
Relative viscosity, c, at least	40	GOST R 8420
Curing time, h, not more than	6,0	STO 77310225.029–2021

For the full list of rated parameters, see STO 77310225.029–2021

PACKAGING:

Metal bucket. Net weight 4.5/9/18 kg. The container shall be filled by not more than 90%.
Q-ty of buckets per palette: 4.5 kg — 96 pcs., 9 kg — 55 pcs., 18 kg — 33 pcs.

CONSUMPTION RATE:

0.25–0.35 kg/m²



**PRODUCT
ADVANTAGES:**

- Suitable for most of surfaces: brick, concrete, wood, slate, metal, stone;
- Resistant under a wide temperature range;
- High-adhesive to base surfaces;
- High-strength;
- High pore occupancy rate, slight cracks and slight superficial defects;
- High concentration of active agent.

"BRIT" ROOF-R BITUMEN-POLYMER ROOF MASTIC

SCOPE OF APPLICABILITY: The cold-applied commercial material for forming sealing mastic layers, sealing roofs, and sealing construction structures, buildings and facilities.

PARAMETER	REFERENCE VALUE	TEST METHOD
Mass fraction of non-volatiles, %, at least	50.0	GOST 31939
Relative strength, MPa, at least	1.00	GOST 26589
Adhesive strength, MPa, at least –to concrete –to metal	0.60 0.90	
Softening temperature, °C, not lower than	150	
Relative viscosity, c, at least	12	GOST 8420
Ultimate elongation, %, at least	1000	GOST 26589
Glue connection shear strength, N/m, at least	4000	
Curing time, h, not more than	1.0	STO 77310225.011–2017

For the full list of rated parameters, see STO 77310225.011–2017

PACKAGING: Metal bucket. Net weight 5/10/20 kg.
Q-ty of buckets per palette: 5 kg – 96 pcs., 10 kg – 55 pcs., 20 kg – 33 pcs.

CONSUMPTION RATE: Consumption rate for even surfaces — 0.35–0.5 kg/m².
Consumption rate for rough, porous surfaces — 0.45–0.7 kg/m².



**PRODUCT
ADVANTAGES:**

- High-strength;
- High resistance to aggressive media;
- Easy-to-apply on rough surfaces;
- Suitable for use under below-zero temperatures.

SEALING BITUMEN-POLYMER MASTIC
"BRIT" INSULATION-R

SCOPE OF APPLICABILITY: The cold-applied commercial material intended for outer sealing of foundation surfaces of buildings and facilities, as well as metal members of bridges, hydraulic structures, and pipelines.

PARAMETER	REFERENCE VALUE	TEST METHOD
Mass fraction of non-volatiles, %, at least	65.0	GOST 31939
Adhesive strength, MPa, at least –to concrete –to metal	0.10 0.10	GOST 26589
Softening temperature, °C, not lower than	110	
Relative viscosity, c, at least	12	GOST 8420
Ultimate elongation, %, at least	500	GOST 26589
Glue connection shear strength, N/m, at least	2000	
Curing time, h, not more than	1.5	STO 77310225.011–2017

For the full list of rated parameters, see STO 77310225.011–2017

PACKAGING: Metal bucket. Net weight 5/10/20 kg.
Q-ty of buckets per palette: 5 kg — 96 pcs., 10 kg — 55 pcs., 20 kg — 33 pcs.

CONSUMPTION RATE: Consumption rate for even surfaces — 0.35–0.5 kg/m².
Consumption rate for rough, porous surfaces — 0.45–0.7 kg/m².



**PRODUCT
ADVANTAGES:**

- High-strength;
- High resistance to aggressive media;
- Easy-to-apply on rough surfaces;
- Suitable for use under below-zero temperatures.

"BRIT" STANDARD R BITUMEN PRIMER

SCOPE OF
APPLICABILITY

The cold-applied material intended for ensuring adhesion to different base surfaces during forming sealing and anti-corrosion layers with use of bitumen mastics, torchable and self-adhesive bitumen rolls, and other bitumen-containing materials.

PARAMETER	REFERENCE VALUE	TEST METHOD
Mass fraction of non-volatiles, %	60.0 – 85.0	GOST 31939
Adhesive strength, MPa, at least		GOST 26589
–to concrete	0.10	
–to metal	0.10	
Softening temperature, °C, not lower than	90	
Relative viscosity, c, not more than	40	GOST 8420
Curing time, h, not more than	6,0	STO 77310225.027–2021

For the full list of rated parameters, see STO 77310225.027–2021

PACKAGING:

Metal bucket. Net weight 4.5/9/18 kg.
Q-ty of buckets per palette: 4.5 kg — 96 pcs., 9 kg — 55 pcs., 18 kg — 33 pcs.

CONSUMPTION RATE:

0.25–0.35 kg/m².



**PRODUCT
ADVANTAGES:**

- Suitable for most of surfaces: brick, concrete, wood, slate, metal, stone;
- Resistant under a wide temperature range;
- High adhesion with base surface.

"BRIT" STANDARD R BITUMEN-POLYMER MASTIC FOR ROOF SEALING

SCOPE OF APPLICABILITY: The cold-applied material for forming sealing mastic layers, sealing roofs, and sealing construction structures, buildings and facilities.

PARAMETER	REFERENCE VALUE	TEST METHOD
Mass fraction of non-volatiles, %	60.0 – 95.0	GOST 31939
Adhesive strength, MPa, at least		GOST 8420
–to concrete	0.10	
–to metal	0.10	
Softening temperature, °C, not lower than	130	
Relative viscosity, c, at least	12	
Ultimate elongation, %, at least	300	GOST 26589

For the full list of rated parameters, see STO 77310225.009–2021

PACKAGING: Metal bucket. Net weight 5/10/20 kg.
Q-ty of buckets per palette: 5 kg — 96 pcs., 10 kg — 55 pcs., 20 kg — 33 pcs.

CONSUMPTION RATE: Consumption rate for even surfaces — 0.35–0.5 kg/m².
Consumption rate for rough, porous surfaces — 0.45–0.7 kg/m².



**PRODUCT
ADVANTAGES:**

- High-adhesive to base surfaces;
- High elasticity of cured coating;
- High resistance to aggressive media;
- Easy-to-apply on rough surfaces;
- Suitable for use under below-zero temperatures.

"BRIT" STANDARD R BITUMEN-POLYMER MASTIC FOR FOUNDATIONS

SCOPE OF APPLICABILITY: The cold-applied material intended for sealing concrete, reinforced-concrete, metal, and other construction structures, as well as buildings and facilities.

PARAMETER	REFERENCE VALUE	TEST METHOD
Mass fraction of non-volatiles, %	75.0 – 90.0	GOST 31939
Adhesive strength, MPa, at least		GOST 26589
–to concrete	0.10	
–to metal	0.20	
Softening temperature, °C, not lower than	50	
Relative viscosity, c, at least	12	GOST 8420
Ultimate elongation, %, at least	100	GOST 26589

For the full list of rated parameters, see STO 77310225.018–2021

PACKAGING: Metal bucket. Net weight 5/10/20 kg.
Q-ty of buckets per palette: 5 kg – 96 pcs., 10 kg – 55 pcs., 20 kg – 33 pcs.

CONSUMPTION RATE: 0.2 - 0.25 kg/m².



**PRODUCT
ADVANTAGES:**

- High penetration ability;
- High resistance to chemical impact from ground water;
- Easy-to-apply on rough surfaces;
- Suitable for use under below-zero temperatures.

"BRIT" STANDARD R BITUMEN-POLYMER MASTIC FOR ROOF REPAIR

SCOPE OF APPLICABILITY:

The cold-applied material intended for repairing roof insulation and bitumen roofs, resealing roofs, additional sealing of bitumen carpet joints, temporary sealing defect arisen during the operation of flat and sloped roofs, including those of flexible tile.

PARAMETER	REFERENCE VALUE	TEST METHOD
Mass fraction of non-volatiles, %, at least	60.0 – 95.0	GOST 31939
Adhesive strength, MPa, at least		GOST 26589
–to concrete	0.10	
–to metal	0.10	
Softening temperature, °C, not lower than	140	
Relative viscosity, c, at least	10	STO 77310225.009–2021
Ultimate elongation, %, at least	500	GOST 26589

For the full list of rated parameters, see STO 77310225.009–2021

PACKAGING:

Metal bucket. Net weight 5kg. Q-ty of buckets per palette: 96pcs.

CONSUMPTION RATE:

Consumption rate for even surfaces — 0.35–0.5 kg/m².
Consumption rate for rough, porous surfaces — 0.45–0.7 kg/m².



**PRODUCT
ADVANTAGES:**

- Quick formation of protective layer;
- Resistance to temperature drops;
- High-adhesive to base surfaces;
- High pore occupancy rate;
- Easy-to-apply on rough surfaces;
- Suitable for use under below-zero temperatures.

"BRIT" STANDARD R BITUMEN-POLYMER MASTIC FOR GLUING
ROLLED MATERIALS

SCOPE OF APPLICABILITY: The cold-applied material for glueing bitumen-based or bitumen-polymer-based rolled sealing and roof-covering materials to different base surfaces.

PARAMETER	REFERENCE VALUE	TEST METHOD
Mass fraction of non-volatiles, %, at least	70.0	GOST 31939
Adhesive strength, MPa, at least	0.50	GOST 26589
Softening temperature, °C, not lower than	80	
Relative viscosity, c, at least	12	GOST 8420
Glue connection shear strength, N/m, at least	2000	GOST 26589

For the full list of rated parameters, see STO 77310225.021–2021

PACKAGING: Metal bucket. Net weight 10kg. Q-ty of buckets per palette: 55pcs.

CONSUMPTION RATE: 1.5 - 2.0 kg/m² at glueing two layers of a rolled material to each other.



**PRODUCT
ADVANTAGES:**

- High-adhesive to base surfaces;
- High-strength;
- High resistance to external impacts;
- Suitable for use under below-zero temperatures.

"BRIT" STANDARD R BITUMEN-POLYMER MASTIC FOR GLUING FLEXIBLE ROOF TILE

SCOPE OF APPLICABILITY: The cold-applied material for glueing flexible rood tile to concrete, wood, brick and other surfaces.

PARAMETER	REFERENCE VALUE	TEST METHOD
Mass fraction of non-volatiles, %, at least	75.0	GOST 31939
Adhesive strength, MPa, at least		GOST 26589
-to concrete	0.60	
-to metal	0.80	
Softening temperature, °C, not lower than	110	
Glue connection shear strength, N/m, at least	4000	

For the full list of rated parameters, see STO 77310225.026–2021

PACKAGING: Tube. Net weight 0.31kg.
Metal bucket. Net weight 5kg. Q-ty of buckets per palette:
24pcs.

CONSUMPTION RATE: Consumption rate for even surfaces — 0.35–0.5 kg/m².
Consumption rate for rough, porous surfaces — 0.45–0.7 kg/m².



**PRODUCT
ADVANTAGES:**

- High-adhesive to base surfaces;
- Resistant under a wide temperature range;
- High curing rate.





ADDITIONAL MATERIALS

"BRIT" CZS-R COLORED PROTECTION COMPOUND

SCOPE OF
APPLICABILITY:

The material is intended for colored coating of pedestrian ways and parking lots, bicycle paths, and other sites including indoors. Use of the material without coordination with the site owner is not allowed.

PARAMETER	REFERENCE VALUE	TEST METHOD
Mass fraction of non-volatiles, %	50.0 – 95.0	GOST 31939
Relative viscosity at 20 °C, c, not more than	200	GOST 11503
Density at 20 °C, g/cm ³ , not more than	1.75	GOST 31992.1
Changes in the cohesion coefficient upon treating with the compound, %, not more than	20	GOST 33078
Curing time, h, not more than	1	GOST 19007

For the full list of rated parameters, see STO 77310225.020–2019

PACKAGING:

Metal bucket. Net weight 28kg. Q-ty of buckets per palette: 33pcs.

CONSUMPTION RATE:

1.0 - 1.6 kg/m². The consumption rate may vary versus the condition and texture of the base surface.



**PRODUCT
ADVANTAGES:**

- A wide color range;
- High coverage rate;
- Suitable for use indoors;
- Low fire hazard of the finished coating;
- Easy-to-apply.

"BRIT" COMPOUND FOR ROAD ASPHALT PROTECTION

SCOPE OF APPLICABILITY: The cold-applied material intended for asphalt-concrete coatings of outdoor space, parking lots, pedestrian ways, sidewalks, roads with low traffic rate (up to 400 vehicles a day), sports yards for the following purposes:

- 1. eliminating superficial defects;
- 2. protection from adverse environmental impacts;
- 3. enhancing appearance.

Use of the material without coordination with the site owner is not allowed.

PARAMETER	REFERENCE VALUE	TEST METHOD
Mass fraction of non-volatiles, %	45,0 – 90,0	GOST 31939
Relative viscosity at 20 °C, c, not more than	200	GOST 11503
Density at 20 °C, g/cm³, not more than	1.75	GOST 31992.1
Curing time to degree 3, h, up to	3.0	GOST 19007

For the full list of rated parameters, see STO 77310225.034–2022

PACKAGING: Metal bucket. Net weight 12.5kg. Q-ty of buckets per palette: 55pcs.

CONSUMPTION RATE: 0.5-0.8 kg/m². The consumption rate may vary versus the condition and texture of the base surface.



**PRODUCT
ADVANTAGES:**

- After treating, asphalt looks like newly-laid, without extra costs;
- Eliminating slight defects and cleavage of road asphalt;
- Extending asphalt service life;
- Quick laying without use of specialized equipment;
- A treated surface is ready for operation in 3 hours after completing works;
- Easy-to-apply.

"IZHORA" POLYURETHANE CONSTRUCTION SEALANT

SCOPE OF
APPLICABILITY:

The material is intended for sealing joints of fences of aboveground buildings and facilities under construction and repair within an operating temperature range from +90 °C. The polyurethane sealant intended for use at a temperature range of +5 to +40°C.

PARAMETERS	REFERENCE VALUE
Consistence, mm, at least	30
Sustainability at (20±2)°C, hours, at least	2
Yield strength at (20±2)°C, mm, up to	2
Mode of failure	Cohesive
Nominal ultimate strength, MPa, at 20°C, at least	0.5
Ultimate elongation for paddle-shaped specimens at 20°C, %, at least	600
Nominal stress at 100% elongation, MPa, not more than	0.5
Ultimate strength, MPa, at least	
-to concrete	0.6
-to metal	0.5
Water absorption in 24 hours, % of weight, up to	0.5
Density, kg/L, ±0.1	1.4

For the full list of rated parameters, see STO 57772-026-11149403–2013

PACKAGING:

Polyurethane sealant IZHORA® is delivered as a set of two components. 12.5kg set: component 1 in plastic euro-buckets, weighing 11.25kg; component 2 in plastic containers weighing 1.25kg. Plastic containers with component 2 are packaged in euro-buckets together with component 1. The weight ratio shall be ensured during batching by manufacturer, and specified on each cargo place.

CONSUMPTION RATE:

0.27 kg/l.m. for sealing joints of 8 x 24 mm in size.



**PRODUCT
ADVANTAGES:**

- high adhesion to all types of base surfaces;
- high elasticity including under below-zero temperatures;
- High frost-resistance;
- Ultraviolet resistance;
- Wide range of operating temperatures ($-65...+90^{\circ}\text{C}$);
- Resistance to atmospheric precipitations;
- Resistance to cyclic deformations;
- No shrinkage;
- Low water absorption.

"IZHORA" POLYURETHANE CONSTRUCTION SEALANT FOR WINTER SEASON

SCOPE OF
APPLICABILITY:

The material is intended for sealing joints of fences of aboveground buildings and facilities under construction and repair within an operating temperature range from -65 °C. The winter-season polyurethane sealant intended for use at a temperature range of -20 to +15°C.

PARAMETERS	REFERENCE VALUE
Consistence, mm, at least	30
ustainability at (20±2)°C, hours, at least	2
Yield strength at (20±2)°C, mm, up to	2
Mode of failure	Cohesive
Nominal ultimate strength, MPa, at 20°C, at least	0.5
Ultimate elongation for paddle-shaped specimens at 20°C, %, at least	600
Nominal stress at 100% elongation, MPa, not more than	0.5
Ultimate strength, MPa, at least	0.6
-to concrete	0.5
-to metal	
Water absorption in 24 hours, % of weight, up to	0.5
Density, kg/L, ±0.1	1.4

For the full list of rated parameters, see STO 57772-026-11149403–2013

PACKAGING:

Winter-season polyurethane sealant IZHORA® is delivered as a set of two components. 12.5kg set: component 1 in plastic euro-buckets, weighing 11.25kg; component 2 in plastic containers weighing 1.25kg. Plastic containers with component 2 are packaged in euro-buckets together with component 1. The weight ratio shall be ensured during batching by manufacturer, and specified on each cargo place.

CONSUMPTION RATE:

0.27 kg/l.m. for sealing joints of 8 x 24 mm in size.



**PRODUCT
ADVANTAGES:**

- high adhesion to all types of base surfaces;
- high elasticity including under below-zero temperatures;
- High frost-resistance;
- Ultraviolet resistance;
- Wide range of operating temperatures ($-65...+90^{\circ}\text{C}$);
- Resistance to atmospheric precipitations;
- Resistance to cyclic deformations;
- No shrinkage;
- Low water absorption;
- Applicable at a temperature range of -20°C to $+15^{\circ}\text{C}$.

"BRIT" EMULSION BITUMEN-POLYMER SPRAY MASTIC
LIQUID RUBBER

SCOPE OF APPLICABILITY: The material is intended for coating roofs, sealing underground and aboveground structures of industrial, civil, and transport construction.

PARAMETER	REFERENCE VALUE	TEST METHOD
Relative strength, MPa, at least	0.2	GOST 26589
Ultimate elongation, %, at least	800	
Adhesive strength, MPa, at least	0.4	
Water absorption in 24 hours, % of weight, up to	2	
Flexibility against curvature radius 5.0±0.2 mm, °C , not more than	−15	
Curing time to degree 3 (2-3mm-thick layer), hours	0.5	GOST 19007
Heat resistance for 5 hours, °C, not lower than	100	GOST 26589
Water penetration at pressure of at least 0.001MPa for 72 h.	withstand	
Water penetration at pressure of at least 0.03MPa for 10 min.	withstand	

For the full list of rated parameters, see STO 77310225.008–2015

PACKAGING: Barrel. At least 50L capable. 1000L IBC.

CONSUMPTION RATE: 0.15 - 0.50 kg/m².



**PRODUCT
ADVANTAGES:**

- High adhesion to most of materials;
- Service life is over 20 years;
- Suitable for applying at vertical surface;
- Easy-to-apply on uneven surfaces;
- Easy-to-apply.

HOT-APPLIED BITUMEN ROOF MASTIC

"BRIT" MBK-G

SCOPE OF APPLICABILITY:

The material is intended for setting up roll roofs, and forming and repairing sealing mastic layers of construction structures, buildings, and facilities.

PARAMETER	REFERENCE VALUE					TEST METHOD
	MBK-G-55	MBK-G-65	MBK-G-75	MBK-G-85	MBK-G-100	
Appearance	Homogeneous, without foreign inclusions					GOST 2889
Heat resistance	Withstand					
Softening temperature, °C, not lower than	55	68	78	88	105	GOST 11506
Flexibility on the rod diameter, mm:						GOST 2889
−10	Withstand	-	-	-	-	
−15	-	Withstand	-	-	-	
−20	-	-	Withstand	-	-	
−30	-	-	-	Withstand	-	
−40	-	-	-	-	Withstand	
Powder filler content, % of weight	25–30					GOST 2678
Water content	Traces					GOST 2477
Glueing ability	Withstand					GOST 2889
Easiness to apply	Withstand					

For the full list of rated parameters, see STO 77310225.019–2021

PACKAGING:

Cardboard drum. It contains polyethylene film inside, that needs no removal before melting. Cargo place gross weight shall not exceed 25kg.



**PRODUCT
ADVANTAGES:**

- High-adhesive to base surfaces;
- High heat resistance;
- Suitable for any climatic conditions;
- Requires no special equipment for applying;
- A wide scope of applicability

BITUMEN-RUBBER INSULATION MASTIC "BRIT" MBR

SCOPE OF
APPLICABILITY:

The material is intended for insulating steel pipelines and other structures to protect them from soil corrosion.

PARAMETER	REFERENCE VALUE				TEST METHOD
	MBR-65	MBR-75	MBR-90	MBR-100	
Homogeneity	Homogeneous, without foreign inclusions, no filler particle not covered in bitumen				GOST 15836
Softening temperature, °C, not lower than	65	75	90	100	
Needle penetration depth at 25 °C, 0.1 mm, at least	40	30	20	15	
Elasticity at 25 °C, cm, at least	4	4	3	2	GOST 30740
Flexibility, °C, up to	0	0	0	0	
Water saturation for 24h, %, not more than	0.2				GOST 9812

For the full list of rated parameters, see STO 77310225.031–2021

PACKAGING:

Cardboard drum. It contains polyethylene film inside, that needs no removal before melting. Cargo place gross weight shall not exceed 31kg.



**PRODUCT
ADVANTAGES:**

- High-adhesive to base surfaces;
- High heat resistance;
- Suitable for any climatic conditions;
- Requires no special equipment for applying;
- A wide scope of applicability

"BRIT" BRAND PRODUCTS CATALOG

ALL PRODUCTS UNDER "BRIT" BRAND ARE DESCRIBED IN OUR OTHER THEMATIC CATALOGS



- INDUSTRIAL AND CIVIL CONSTRUCTION;
- BRIDGES AND TUNNELS;
- AIRFIELDS.





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