

TECHNICAL DATA SHEET

Version 1.0 Issue date 02.12.2022 Revision date –



Brit Roll Business-P Brit Roll Business-P Protect

Products description

Brit Roll Business-P

Flexible polymer-modified bitumen sheets with polyester reinforcement and PE film protection

Brit Roll Business-P Protect

Flexible polymer-modified bitumen sheets with polyester reinforcement and PE film protection on the back side.

Brit Roll Business-P Protect is covered with mineral granules for additional light surface protection

Intended uses

Roofing in two-layer roofing systems;
Waterproofing of buildings and constructions

Advantages

- Wide range of climate areas to apply;
- Low shrinkage due to high-quality carrier;
- High adhesion to different types of surfaces;
- Low mineral granules loss



Essential characteristics

Characteristic	Performance		Test method
	Brit Roll Business-P	Brit Roll Business-P Protect	
Length	(10.00 ± 0.50) m		GOST EN 1848-1
Width	(1000 ± 20) mm		GOST EN 1848-1
Thickness	(2.8 + 0.5/-0.2) mm	(3.8 + 0.5/-0.2) mm	GOST EN 1849-1
Dimensional stability	≤ 0.5 %		GOST EN 1107-1
Maximum tensile force - longitudinal direction - transverse direction	(700 ± 200) N (500 ± 200) N		GOST 31899-1
Elongation - longitudinal direction - transverse direction	(25–55) % (20–70) %		GOST 31899-1
Flexibility at low temperature	≤ -20 °C		GOST EN 1109
Flow resistance at elevated temperature	≥ 100 °C		GOST EN 1110
Water absorption, 24 h	≤ 1.0 %		GOST 2678
Watertightness, 10 kPa, 24 h	pass		GOST EN 1928

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Brit Roll Business-P Brit Roll Business-P Protect

Characteristic	Performance		Test method
	Brit Roll Business-P	Brit Roll Business-P Protect	
Watertightness, 0.2 MPa, 2 h	pass		GOST 2678
Adhesion of granules	–	≤ 15 %	GOST EN 12039
Shear resistance of joints	≥ 500 N/50		GOST 32316.1
Resistance to impact	≥ 400 mm		GOST 31897 (Method A)
Resistance to static loading	pass		GOST EN 12730

Artificial aging behavior

Thermal aging, 12 weeks, GOST EN 1296 - flexibility at low temperature - flow resistance	– –	≤ –10 °C ≥ 90 °C	GOST EN 1109 GOST EN 1110
Thermal aging, 12 weeks, GOST EN 1296; UV radiation, elevated temperature, water, 1000 h, GOST 32317 - visible defects	pass	–	GOST EN 1850-1

Recommendations on use



1. Use only on prepared surfaces.
 2. Use at ambient temperature not lower than 0 °C. In cases of work performed at subzero temperatures, please keep **Brit Roll Business-P / Brit Roll Business-P Protect** at a temperature ≥ 15 °C at least for 24 h before further work
 3. Do not use at temperatures below –20 °C.
- See the Guidance on use for full recommendations

Delivery pack

25 rolls on the pallet for **Brit Roll Business-P**.
23 rolls on the pallet for **Brit Roll Business-P Protect**.
Packed with a polymer film for external factors protection during storage and transportation

Storage

Keep in closed dry places protected from direct sunlight and atmospheric precipitation at a temperature from –20 °C to +40 °C

Shelf life

Storage period – at least 12 months

The information provided in this Technical Data Sheet is correct to the best of our knowledge. The accuracy of completeness of product information and is subject to change without notice. Customer is solely responsible for evaluating and selecting products and determining whether each Product is fit for a particular purpose and suitable for Customers use and method of application. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

+7 812 493 25 66
bitum@gazprom-neft.ru

GAZPROMNEFT BITUMEN MATERIALS LLC
80 Bolshoi Prospect V.O., lit. R, floor 5,6, municipal district No 7,
inner-city territory of the Federal city, Saint-Petersburg,
Russia, 199106

Brit Roll Premium-P Brit Roll Premium-P Protect

Products description

Brit Roll Premium-P

Flexible polymer-modified bitumen sheets with polyester reinforcement and PE film protection

Brit Roll Premium-P Protect

Flexible polymer-modified bitumen sheets with polyester reinforcement and PE film protection on the back side.

Brit Roll Premium-P Protect is covered with mineral granules for additional light surface protection

Intended uses

Roofing in two-layer roofing systems;
Waterproofing of buildings and constructions

Advantages

- Wide range of climate areas to apply;
- Low shrinkage due to high-quality carrier;
- High adhesion to different types of surfaces;
- Low mineral granules loss



Essential characteristics

Characteristic	Performance		Test method
	Brit Roll Premium-P	Brit Roll Premium-P Protect	
Length	(10.00 ± 0.50) m		GOST EN 1848-1
Width	(1000 ± 20) mm		GOST EN 1848-1
Thickness	(4.0+0.5/-0.2) mm	(4.2+0.5/-0.2) mm	GOST EN 1849-1
Dimensional stability	≤ 0.5 %		GOST EN 1107-1
Maximum tensile force - longitudinal direction - transverse direction	(800 ± 200) N (600 ± 200) N		GOST 31899-1
Elongation - longitudinal direction - transverse direction	(25–55) % (20–70) %		GOST 31899-1
Flexibility at low temperature	≤ -25 °C		GOST EN 1109
Flow resistance at elevated temperature	≥ 100 °C		GOST EN 1110
Water absorption, 24 h	≤ 1.0 %		GOST 2678
Watertightness, 10 kPa, 24 h	pass		GOST EN 1928

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Characteristic	Performance		Test method
	Brit Roll Premium-P	Brit Roll Premium-P Protect	
Watertightness, 0.2 MPa, 2 h	pass		GOST 2678
Adhesion of granules	–	≤ 15 %	GOST EN 12039
Shear resistance of joints	≥ 500 N/50		GOST 32316.1
Resistance to impact	≥ 400 mm		GOST 31897 (Method A)
Resistance to static loading	pass		GOST EN 12730

Artificial aging behavior

Thermal aging, 12 weeks, GOST EN 1296 - flexibility at low temperature - flow resistance	– –	≤ –15 °C ≥ 90 °C	GOST EN 1109 GOST EN 1110
Thermal aging, 12 weeks, GOST EN 1296; UV radiation, elevated temperature, water, 1000 h, GOST 32317 - visible defects	pass	–	GOST EN 1850-1

Recommendations on use



1. Use only on prepared surfaces.
2. Use at ambient temperature not lower than 0 °C.
In cases of work performed at subzero temperatures, please keep **Brit Roll Premium-P / Brit Roll Premium-P Protect** at a temperature ≥ 15 °C at least for 24 h before further work
3. Do not use at temperatures below –25 °C.
See the Guidance on use for full recommendations

Delivery pack

23 rolls on the pallet, packed with a polymer film for external factors protection during storage and transportation

Storage

Keep in closed dry places protected from direct sunlight and atmospheric precipitation at a temperature from –20 °C to +40 °C

Shelf life

Storage period – at least 12 months

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Brit Roll Regular-P Brit Roll Regular-P Protect

Products description

Brit Roll Regular-P

Flexible polymer-modified bitumen sheets with polyester reinforcement and PE film protection

Brit Roll Regular-P Protect

Flexible polymer-modified bitumen sheets with polyester reinforcement and PE film protection on the back side.

Brit Roll Regular-P Protect is covered with mineral granules for additional light surface protection

Intended uses

Roofing in two-layer roofing systems

Advantages

- Wide range of climate areas to apply;
- Increased plasticity of modified bitumen: simplifies roof covering works;
- Improved tensile properties;
- Low mineral granules loss



Essential characteristics

Characteristic	Performance		Test method
	Brit Roll Regular-P	Brit Roll Regular-P Protect	
Length	(15.00 ± 0.10) m	(10.00 ± 0.10) m	GOST EN 1848-1
Width	(1000 ± 20) mm		GOST EN 1848-1
Dimensional stability	≤ 0.5 %		GOST EN 1107-1
Maximum tensile force - longitudinal direction - transverse direction	(550 ± 200) N (350 ± 150) N		GOST 31899-1
Elongation - longitudinal direction - transverse direction	(25 ± 15) % (25 ± 15) %		GOST 31899-1
Flexibility at low temperature	≤ -15 °C		GOST 2678
Flow resistance at elevated temperature	≥ 90 °C		GOST EN 1110
Water absorption, 24 h	≤ 1.0 %		GOST 2678
Watertightness, 10 kPa, 24 h	pass		GOST EN 1928

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Brit Roll Regular-P Brit Roll Regular-P Protect

Characteristic	Performance		Test method
	Brit Roll Regular-P	Brit Roll Regular-P Protect	
Adhesion of granules	–	≤ 15 %	GOST EN 12039
Artificial aging behavior (Thermal aging, 12 weeks, GOST EN 1296) - flow resistance	–	≥ 80 °C	GOST EN 1110
Recommendations on use 	1. Use only on prepared surfaces. 2. Use at ambient temperature not lower than 0 °C. In cases of work performed at subzero temperatures, please keep Brit Roll Regular-P / Brit Roll Regular-P Protect at a temperature ≥ 15 °C at least for 24 h before further work 3. Do not use at temperatures below –20 °C. See the Guidance on use for full recommendations		
Delivery pack	23 rolls on the pallet for Brit Roll Regular-P . 25 rolls on the pallet for Brit Roll Regular-P Protect . Packed with a polymer film for external factors protection during storage and transportation		
Storage	Keep in closed dry places protected from direct sunlight and atmospheric precipitation at a temperature from –20 °C to +40 °C		
Shelf life	Storage period – at least 12 months		

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