

Rock Wool Basalt Insulation Fire Retardant roll (MBOR)

Basalt fire-retardant rolled material MBOR (without lining material, with fiberglass lining on one side, with fiberglass lining on both sides, on foil on one and both sides).



- BSTV melts from basalt rocks at temperatures up to 1500°. Melt blowing fibers up to 3 microns.
- Phenols and formaldehydes are not used in production
- Non-flammable, non-toxic.



APPLICATION

The material is intended for ultralight thermal insulation of industrial equipment, pipelines, equipment, various vehicles, household gas and electric stoves, sterilizers, heat-resistant cabinets, industrial and household refrigerators, as well as a filter material for dedusting air and gas in industrial plants. The material is intended to increase the fire resistance limits as a fire retardant material over building and engineering structures. Can be used for thermal insulation in aviation, motor transport, shipbuilding, construction and other industries. MBOR is most in demand for fire protection of air ducts, ventilation and smoke exhaust systems, as well as metal structures. Maybe be used in rooms where materials are subject to increased sanitary requirements. Used for thermal insulation stoves, fireplaces, barbecue complexes, industrial and household boilers. Many professional stove makers prefer to work with this material.

SPECIFICATIONS

MBOR - 3, 5, 8, 10, 13, 16 - without lining of the appropriate thickness.

MBOR - K-3, 5, 8, 10, 13, 16 - material with silica fabric on one side.

MBOR - S-3, 5, 8, 10, 13, 16 - material with fiberglass lining on one side.

MBOR - S2-3, 5, 8, 10, 13, 16 - material with fiberglass lining on both sides.

MBOR - SS-3, 5, 8, 10, 13, 16 - material with a fiberglass mesh on one side.

MBOR - SS2-3, 5, 8, 10, 13, 16 - material with glass mesh on both sides.

MBOR - B-5 - material with basalt fabric with one side.

MBOR - F-5 - material with aluminum foil one side.

	MBOR-3 ... 16 MBOR-K-3 ... K-16	MBOR-S-3 ... S-16 MBOR-S2-3 ... S2-16	MBOR-SS-3 ... SS-16 MBOR-SS2-3 ... SS2-16	MBOR-B-5 MBOR-F-5			
1. Surface density, g/m ²	300	500	800	1000	1300	1600	500
2. Density, kg/m ³	70						
3. Humidity, % by mass, no more	1						
4. Thermal conductivity W / m * K, not >, at temperature:							
	(25±5)°C			0,033			
	(125±5)°C			0,055			
	(300±5)°C			0,090			

PACKAGING, STORAGE

Packaging and labeling of MBOR complies with GOST 25880-83, products are transported in covered vehicles in accordance with the rules for the carriage of goods operating on this type of transport.

The material should be stored in a closed, dry room at a relative humidity of not more than 85%.

Rolls should be stored horizontally in stacks. The height of the stack should be no more than 1 m.