

BRIT® SEALING HEAT-RESISTANT CORD

A specialized heat-resistant material intended for forming chambers of control and construction joints in cement-concrete and asphalt-concrete surfaces of aerodromes and motor roads during sealing with both hot-applied and cold-applied mastics and sealants



Application Scope

Sealing and formation of control joint chambers in cement-concrete surfaces of motor roads, aerodromes, storage and engineering facilities provided that they are sealed with either hot- or cold-applied mastics.

Advantages

- A simple unified technology of application.
- The material is chemically inactive and non-susceptible to the following solvents: petrol, aviation kerosene, lubricants, anti-icing agents, etc.



BRIT® CORD

Composition

Foamed polyethylene.
(STO 77310225.002-2012, STO 77310225.003-2012).

Packaging

Typical diameters of the sealing cord vary from 10 mm to 50 mm. Packing: spools in cardboard boxes, from 190 to 1,700 lin m of cord per spool.

Application Technology

- Cracks/joints/butt joints bevelling for sealing chamber via a bevelling machine.
- Chamber blowdown with hot compressed air.
- Embedding the BRIT' sealing cord to the design depth.
- Bevelled chamber wall masticing or priming.
- Use an either hot- or cold-applied mastic or sealant for filling the chamber.
- Surface treatment by means of a highly dispersed mineral material (if necessary).

Characteristics

Parameter	Allowance	BRIT® sealing heat-resistant cord	Standard
Apparent density, g/cm ³	0,2–0,3	0,21	GOST 409
Ultimate tensile strength, kgf/cm ²	> 1,5	4,5	GOST 29088
Ultimate elongation, %	> 25	110	
Heat resistance, °C	> 200	200+	GOST 26589, STO 77310225.002
Water absorption, % by volume	< 0,2	0,17	GOST 19177