

# TECHNICAL SHEET

## BITU E

### Elastomere modified bitumen adhesive compound

**Product description** BITU E is elastomer modified bituminous adhesive compound for the installation of elastomere bitumen waterproofing according to the hot method.

**Characteristics of the product** BITU E is a mixture of elastomere modified bitumen and mineral fillers. The mixture is heated up to a temperature of 190°C before use, so that it melts and becomes ready for use in this form.

Characteristics	Unit	Value
Softening point R&B (EN 1427)	°C	100 - 115
Penetration (EN 1426)	1/10 mm	45 - 70
Filler content (EN ISO 6245)	°C	≤ 20
Cold flexibility (EN 1109)	°C	≤ -25
Heat resistance (EN 1110)	h	> 90

**Use and installation** BITU E is used for hot bonding of elastomere bituminous waterproofing membranes. It is applied by pouring the hot mixture under the waterproofing membrane. Usage of the mixture is on average 2kg/m<sup>2</sup>. The mixture is normally prepared in special cauldrons with a mixer and by indirect heating. We heat it to a temperature of maximum 190°C until it becomes a homogeneous liquid mixture. Heating to a higher temperature than the prescribed, is not permitted, because the viscosity of the mixture decreases quickly and simultaneously degradation of the polymer additives may occur.

**Storage** BITU E is packed in PP foil and in paper barrels. The barrels are equipped with labels showing the name of the product, manufacturing shift and date. The barrels are put on a wooden pallet in such a way that transport with a forklift is possible. Store in covered rooms.

**Disposal considerations of waste** For the removal of waste of product, it is necessary to follow the valid local environmental regulations. Waste classification: 17 03 02 bituminous mixtures other than those mentioned in 17 03 01, packaging (15 01 01) paper packaging.

The product is in accordance with this technical sheet.

The system of quality and handling of the environment is conforming with SIST EN ISO 9001 and 14001.