



## TUBEX<sup>®</sup> DILATATION

**TUBEX<sup>®</sup> dilatation sheets are made of expanded polyethylene with enclosed cellular structure. They are used in construction as sealing and dilatation to separate vertical building structures from concrete surfaces adjust to expansion of construction materials, and as a filler for stressed joints. The material is permanently flexible and easily absorbs dimensional changes of concrete grouting.**

- Fast and simple application with the use of the recommended adhesive or self-adhesive strip
- Acoustic insulation – the dilatation sheet significantly reduces the transfer of impact noise from the floor onto the building structure
- Thermal insulation – prevents forming a thermal bridge between the floor and walls
- Harmless to health and environment

Technical parameter	Value	Standard
Reaction to fire	Class E	ČSN EN 13501-1+A1:2010
Thermal conductivity (10 °C)	≤ 0.04 W/(mK)	ČSN EN ISO 13787
Water vapour permeability	MU 2000	ČSN EN 13469
Releasing of harmful substances	does not contain	AHEM 3/2000
Deviation from the minimum thickness $d_N$	Class T6 -0/+1	ČSN EN 823
Long-term absorbability WL(T) (kg/m <sup>2</sup> )	Class WL(T)5 4.4 kg/m <sup>2</sup>	ČSN EN 12087
Compression stress at 10% compressing $\sigma_{10}$	CS (10)10 10.23 kPa	ČSN EN 826
Compressibility c (mm)	CP1 0.81 mm	ČSN EN 12 431

Production of TUBEX® insulation is certified and in compliance with requirements of ČSN EN ISO 9001:2009.

### ASSORTMENT OF DIMENSIONS – TUBEX® DILATATION is supplied in rolls with the length of 50 m, in a cardboard box with the size of 120 x 70 x 70 cm

Width (mm)	Thickness (mm)	Roll length (m)
80	5, 8, 10	50
100	5, 8, 10	50
120	5, 8, 10	50
150	5, 8, 10	50
180	5, 8, 10	50
200	5, 8, 10	50

#### We supply dilatation sheets in several thicknesses and widths:

- in the form of tapes
- in the form of tapes with polyethylene foil
- with lengthwise perforations for easy tearing off of the overlapping part for concreting to the required height
- with self-adhesive strip for easy attachment to the building structure