

# Ethafoam\* Floor Covering below screed



## Installation

- ❑ Ethafoam can be installed with single or double layer
- ❑ Overlap: ca. 10cm – 15cm
- ❑ In case of single layer installation it is recommended to tape the joint (not with cheap packaging tape, does not adhere)
- ❑ In case of double layer installation, the joints need to be parallel but sufficiently offset.

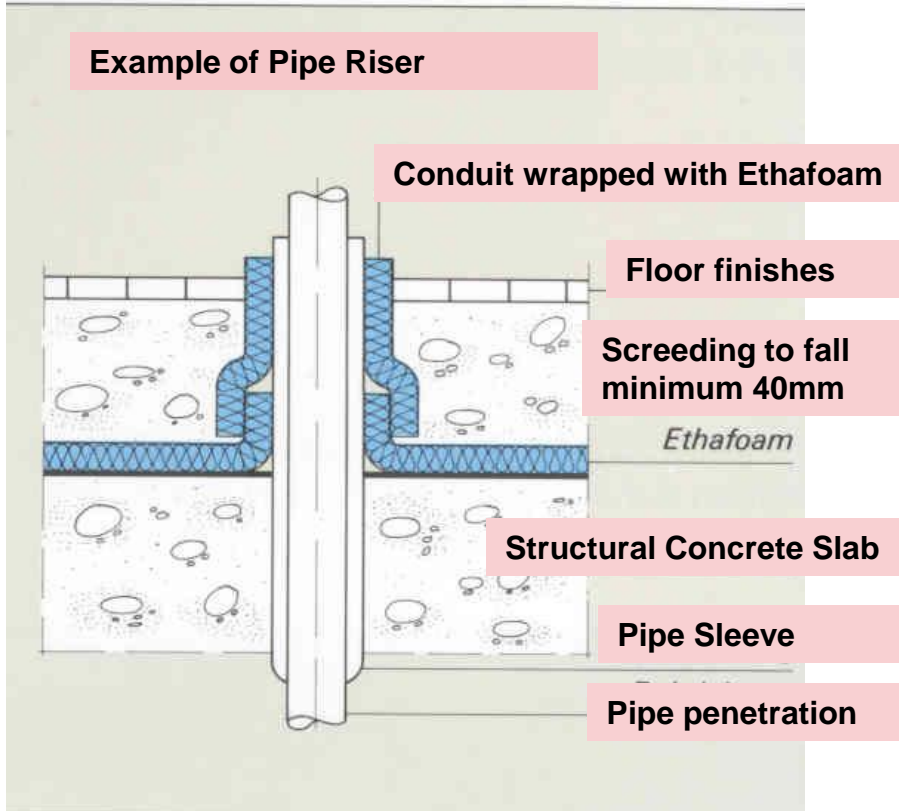


- ❑ Bend up the foam sheet at the wall.
- ❑ Edge strips are not needed and not recommended!
- ❑ Penetrating pipes are to be covered properly with Ethafoam and need to be thoroughly taped to avoid any screed mass penetration.
- ❑ In case of liquid (self-leveling) screeds an additional PE foil needs to cover the foam. In case of cement screed systems an additional foil could be used. Installations without a foil will require thorough taping to avoid sound bridges. Installation at the test institute was without an additional foil.
- ❑ In General, avoid any type of sound bridges.



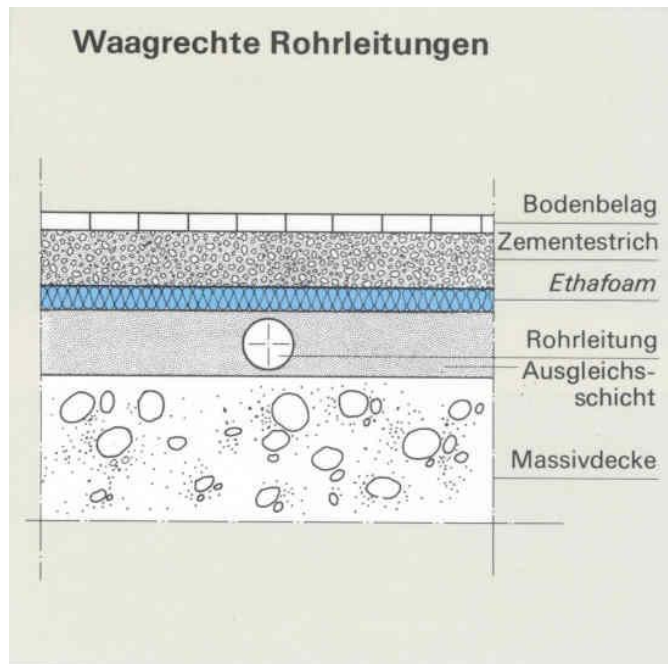
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## Avoiding Sound bridges



## Avoiding stress concentrators

- pipes or cables need to be levelled before installing impact sound insulation
- Uneven screed thicknesses on top of insulation can cause stress concentrations and cracking.
- The minimum required screed thickness must be maintained at each point above impact sound insulation



# Ethafoam below screed

## In combination with Styrofoam



# Ethafoam below screed

## Systems above the screed

