



Technical Guidance

Insulation of heating pipes in timber floors

Question

Should heating pipes be insulated in timber first floor voids?

Considerations

- Heating pipes can usefully contribute to the space heating requirement – heat is not lost to the outside.
- Providing insulation to heating pipes may necessitate excessive notching of floor joists.

Answer

Unless the heating design requires insulation of heating pipes, it is not necessary to insulate heating pipes where they run in floor voids within the insulated envelope of the building.

Pipes passing through holes or notches in floor joists should be sleeved or wrapped so they can move freely and without noise.