3.4 Improving the sound insulation between floors

3.4 Increasing the impact sound insulation: example with HVAC systems

Stratigraphy:
- Parquet flooring
- TROCELLEN C foam as parquet underlay (1.6 mm - 3 mm thick)
- Concrete screed (>5 cm)
- Screed underlay: TROCELLEN TROSIL, TROSIL TECH, TROCELLEN N
- Levelling layer for cable ducts, pipes, HVAC systems.
- Ceiling structure

The screed underlay should rise up the sides of the wall till the flooring, to avoid any lateral contacts with structural elements. A vertical strip may be used for this purpose too.

scale = 1:5