2. Improving the acoustic performance of masonry structures

2.1 Increasing the acoustic insulation of existing masonry structures with the application of TROCELLEN products and partition walls

**Horizontal section**

Existing structural masonry wall

Existing plaster

Existing wall

New bricks partition wall

TROCELLEN APLOMB 11,22

ISOLMASS 11,22

glass-fiber grid

Plaster

**Vertical section**

Existing plaster

Existing wall

Existing floor structure

Floor line

TROCELLEN APLOMB 11,22

ISOLMASS 11,22

TROCELLEN N 70-90 strip laid under the new separating brick wall and on the load-bearing foundation or thermal break insulation material

Plaster

Possible thermal break insulation material

**Scale = 1:5**