STANDARD M

ON SINGLE FRAME

from typical technical solutions album of Technosonus and NIISF version TS/01.2020/RD/S/R4 type S-4.1

components:

- PPN 50/40, PS 50/50 AcousticGyps reinforced profile
- V-100 vibrodamping tape
- Sealing tape
- AcousticGyps GKLZ 12.5 mm
- Tecsound membrane (Tecsound SY) / Zvukoizol VEM smk
- StopZvuk BP/Eco sound-absorbing board
- TS-DG 6/60 Dowel pin · Vibrowasher
- TS-XTN 3.9x23, TS-XTN 3.9x38, TS-MM 4.2-13 self-tapping screws
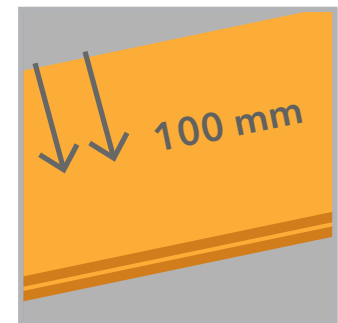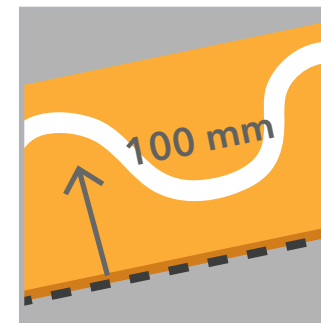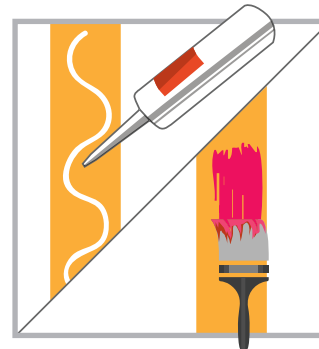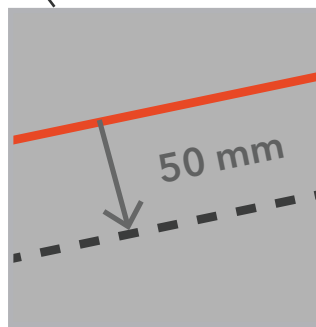- Sonetik vibroacoustic sealant
- Bautger glue

	SYSTEM THICKNESS		AIRBORNE NOISE REDUCTION
	113 mm		**Rw = 58 dB**

Modern efficient system for sound insulation of two premises from each other. For use in hotels, cabinets, meeting rooms, production shops, etc. Provides maximum protection of a premise against airborne noise.

1. ACOUSTICGYPS (GKLZ)
2. TECSOUND MEMBRANE
3. SEALING TAPE
4. STOPZVUK SOUND-ABSORBING BOARDS
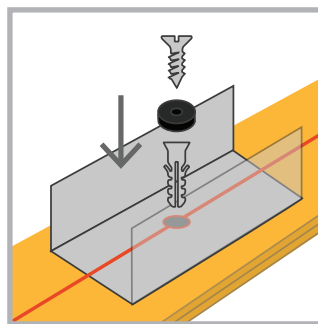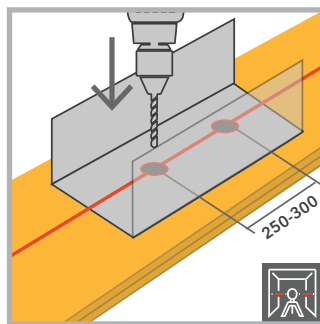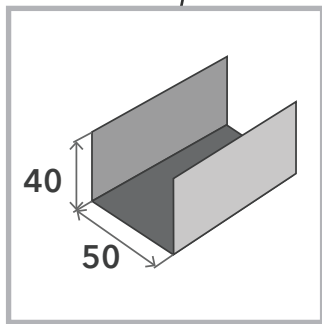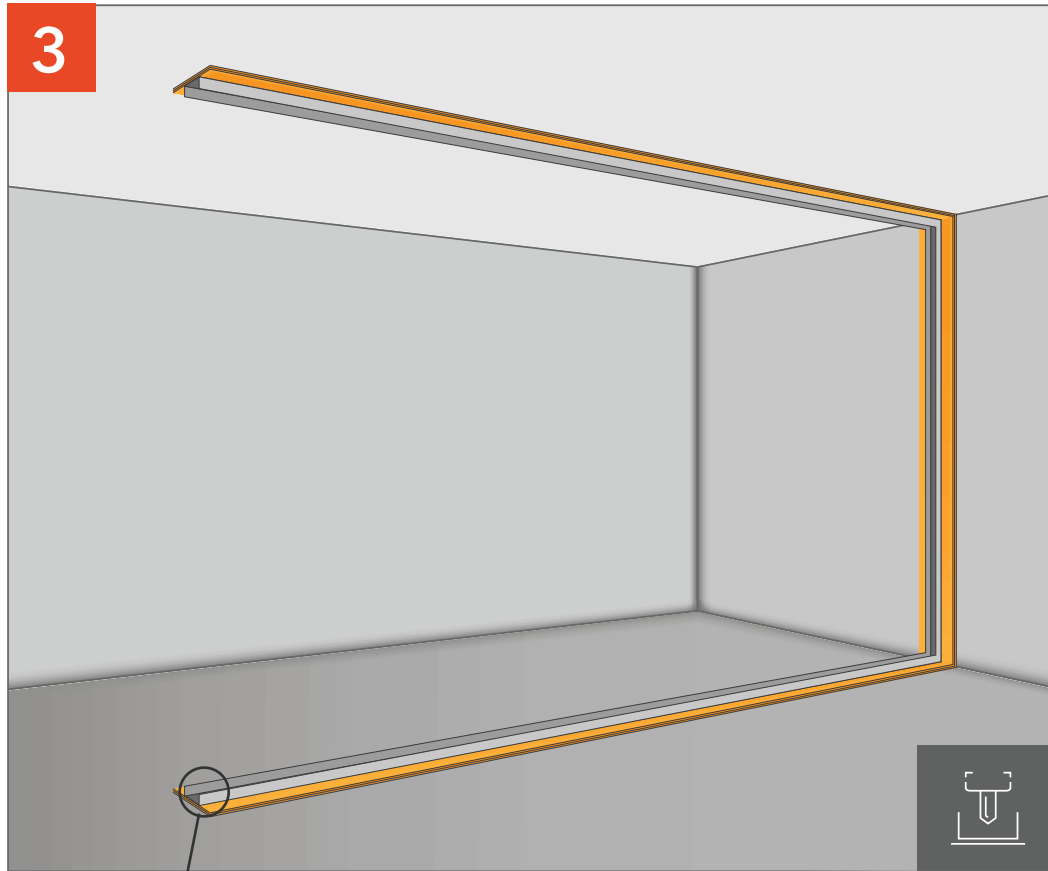5. FRAME
6. TECSOUND MEMBRANE
7. ACOUSTICGYPS (GKLZ)
8. DAMPER TAPE V100

1

50 mm
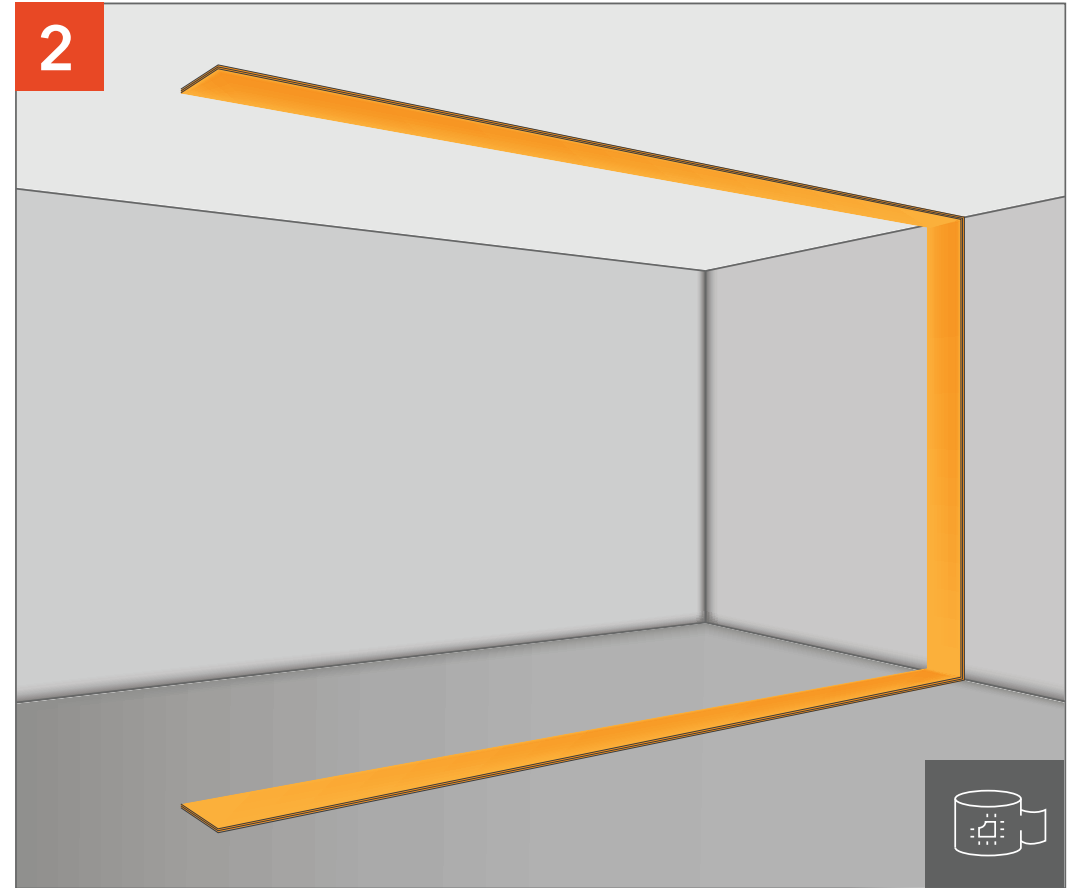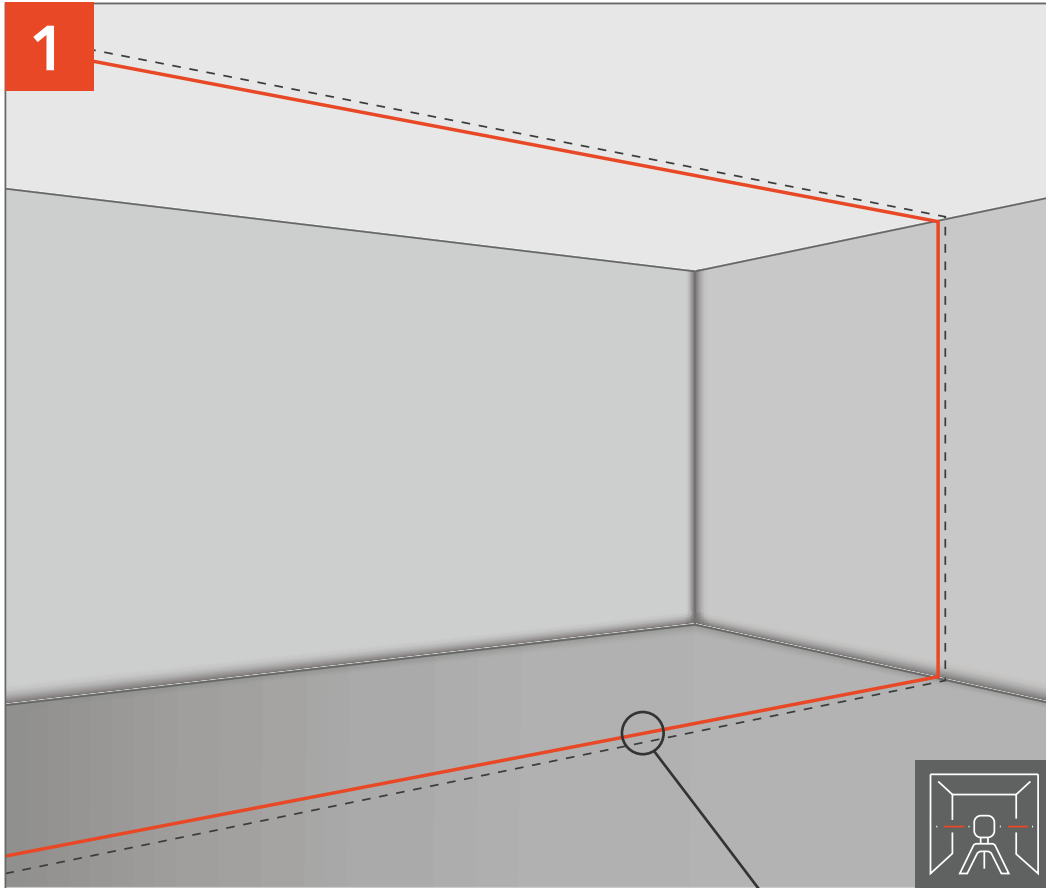
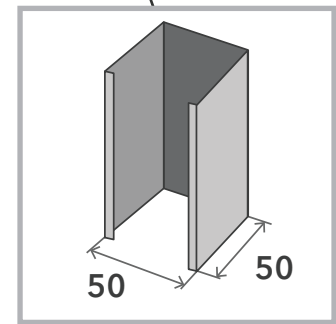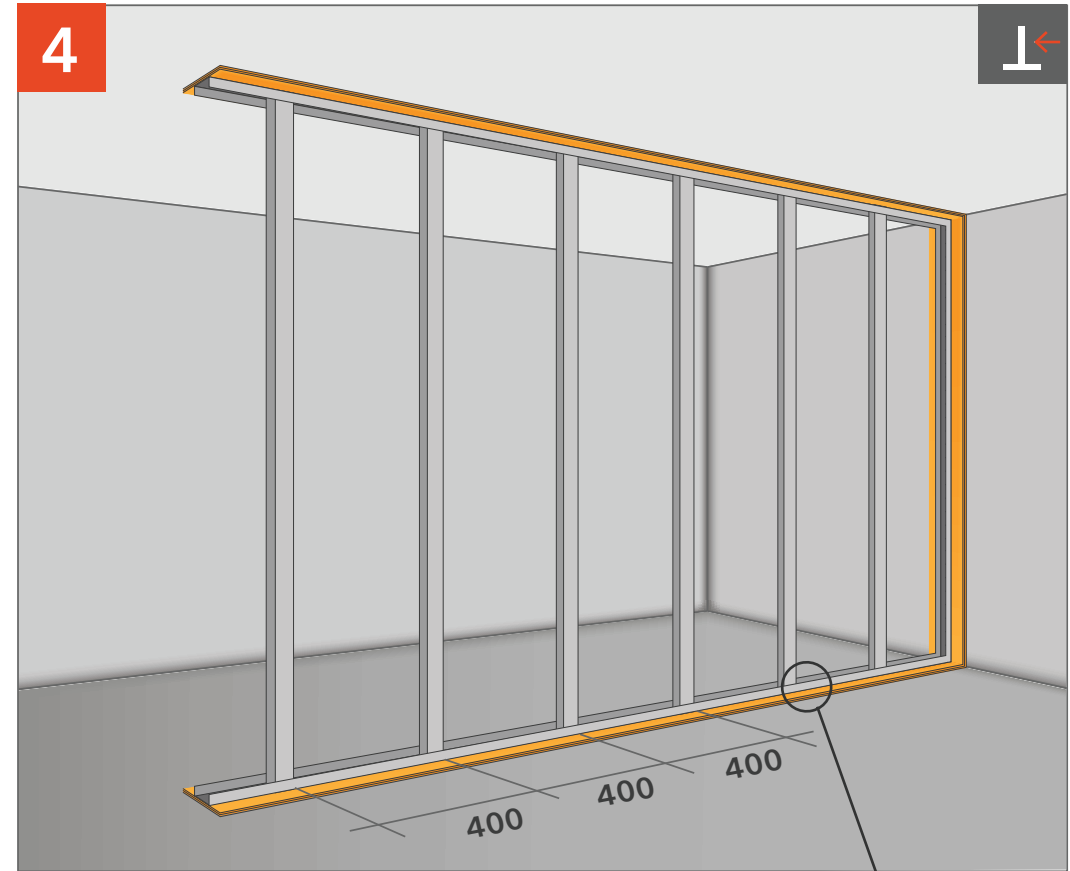Mark the center line of the partition.

2

100 mm

100 mm

Glue StopZvuk V100 tape using Sonetik vibroacoustic sealant or Bautger glue.
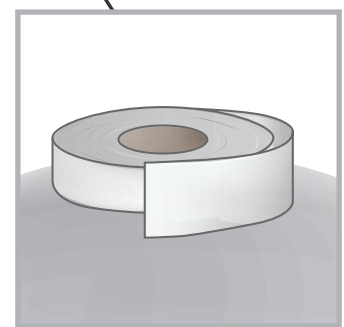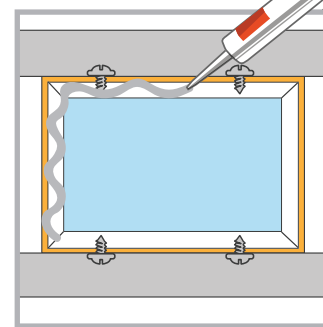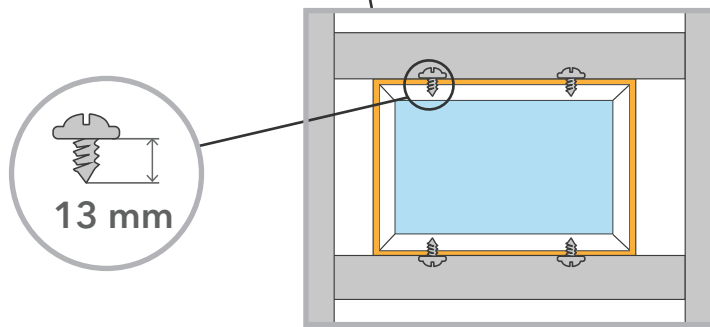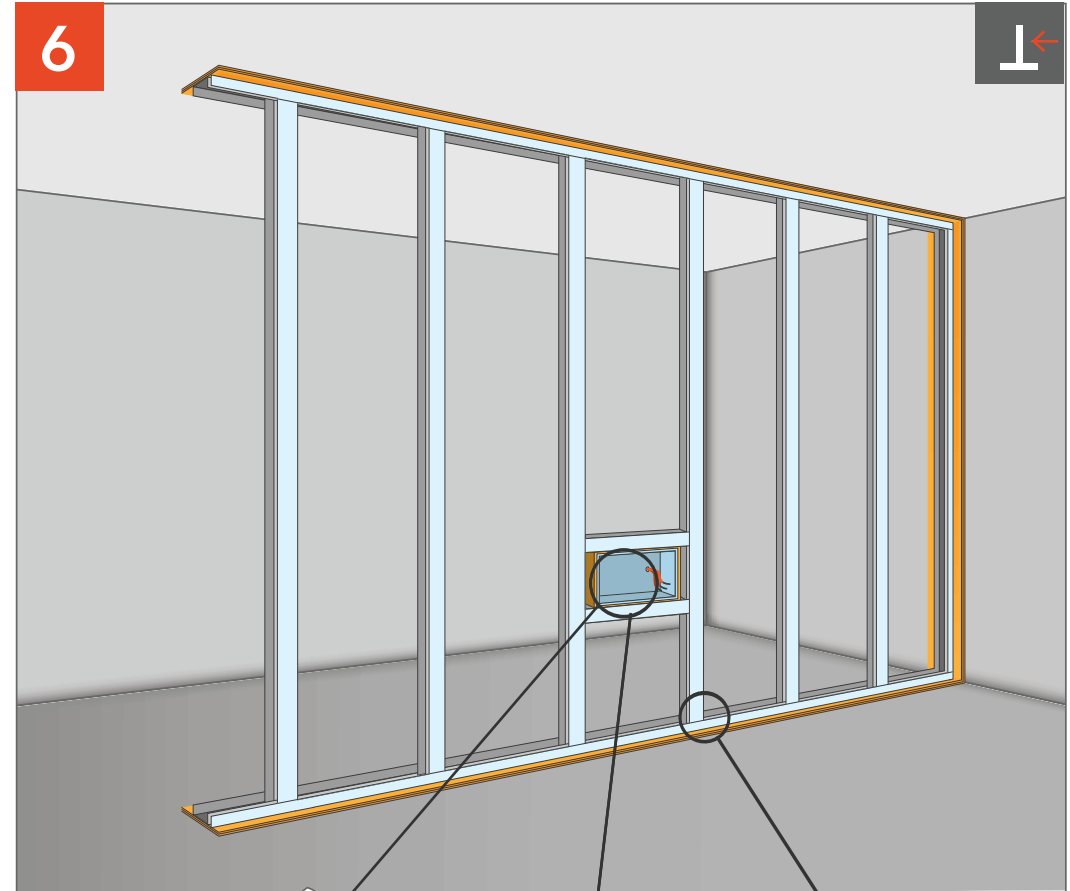
STANDARD M PARTITION SOUND INSULATION

3

4

40

50

250-300

400

400

400

400

50

50

Fasten PN profile with 250–300 mm pitch between the dowel pins.

Mount PS profile with 400 mm pitch.
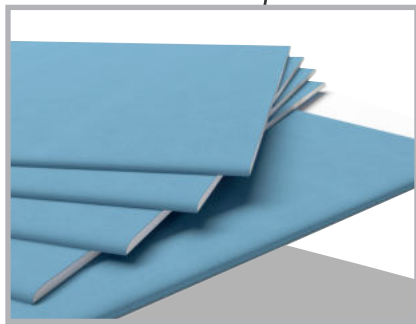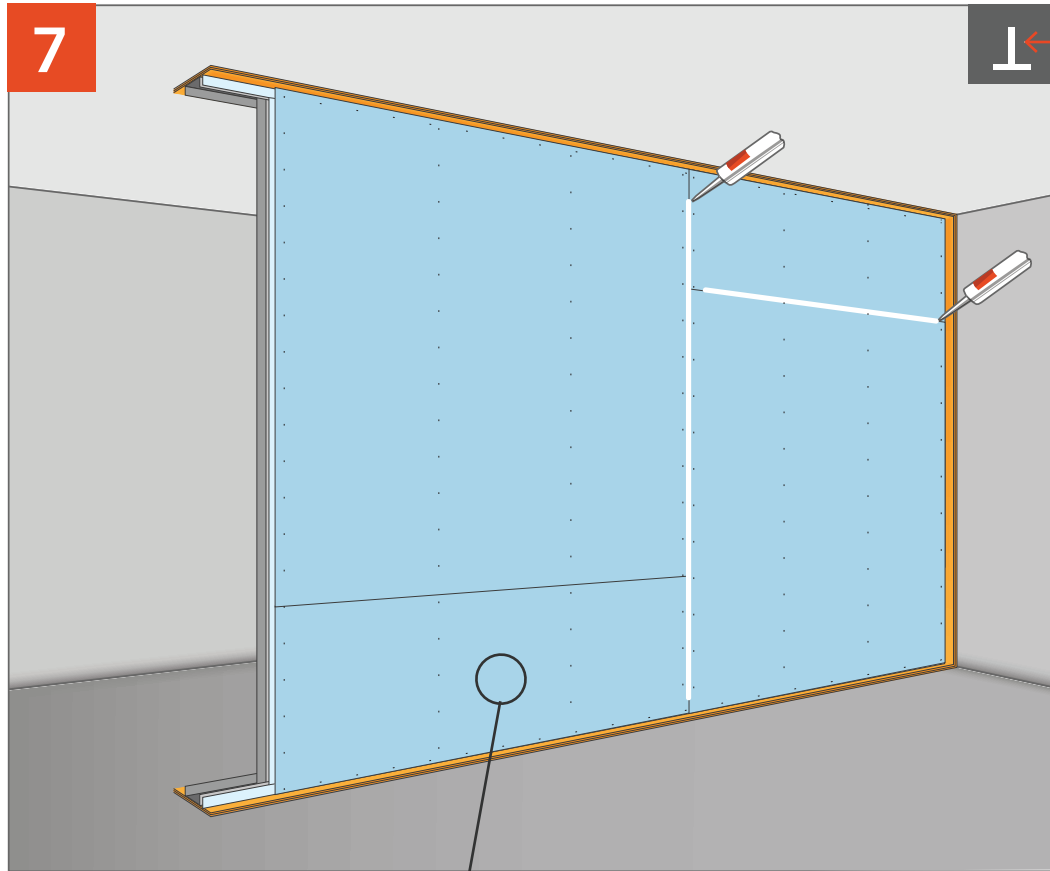
5

13 mm
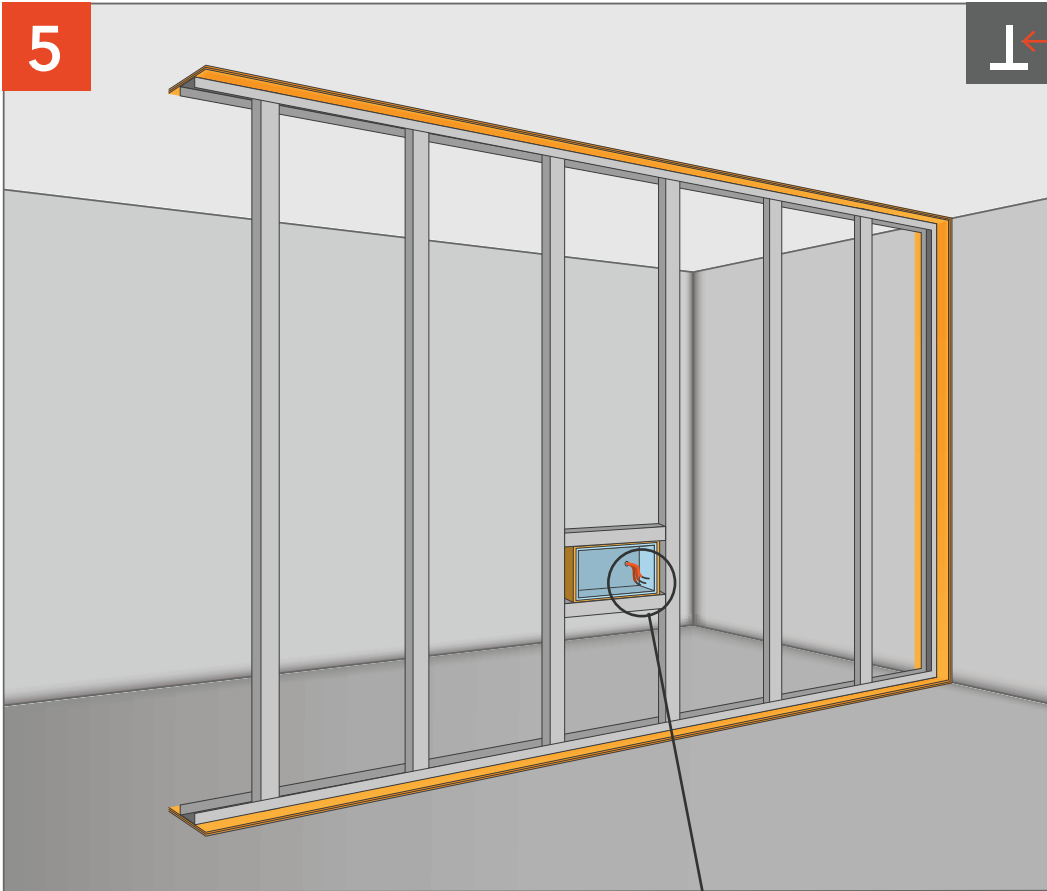
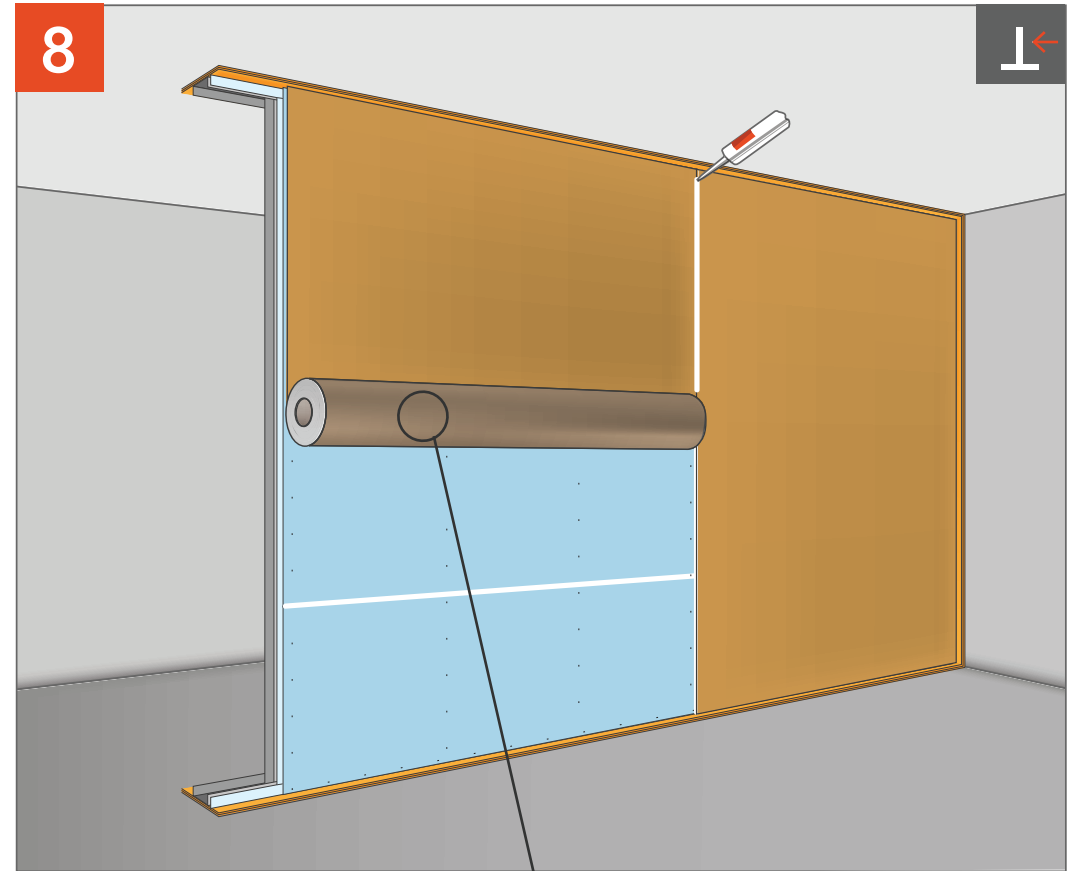Mount AcousticGypsum Outlet Box in a prepared profile frame.

6

R3 R2 R1

Glue the frame with damper tape.
Apply Sonetik vibroacoustic sealant to the surface of the outlet box.
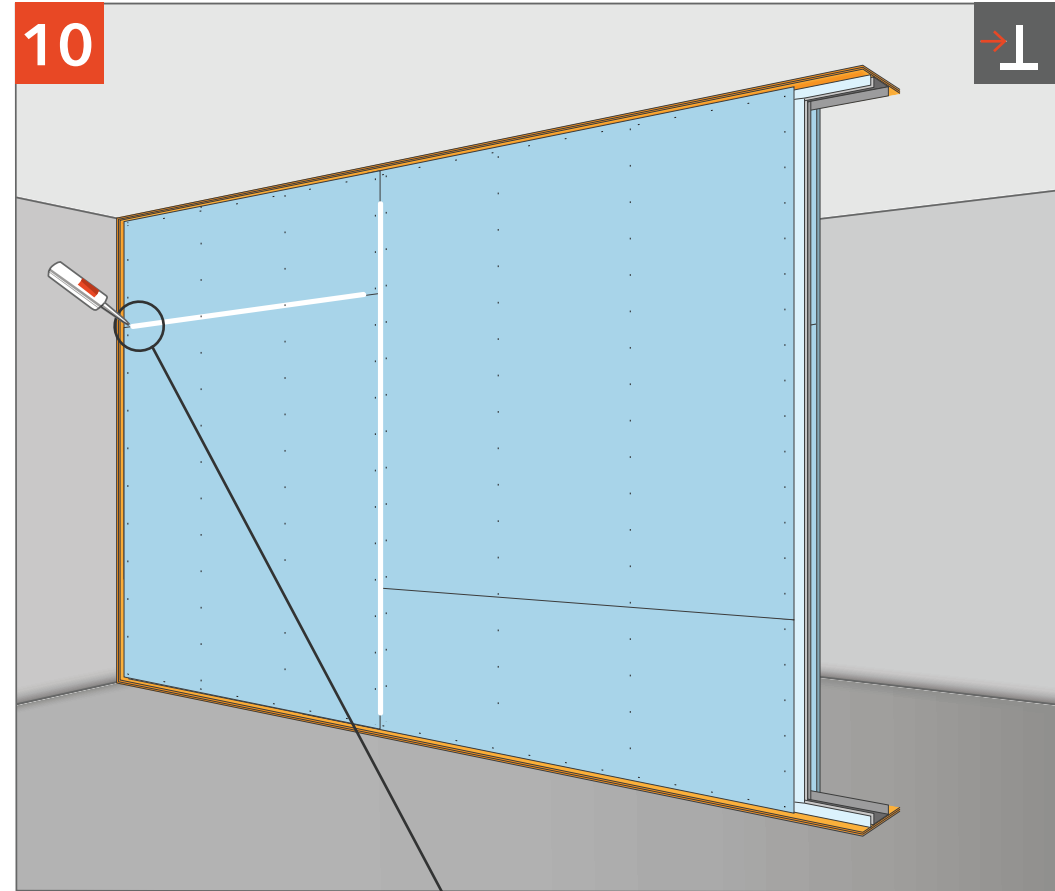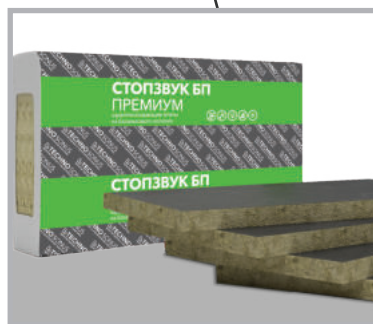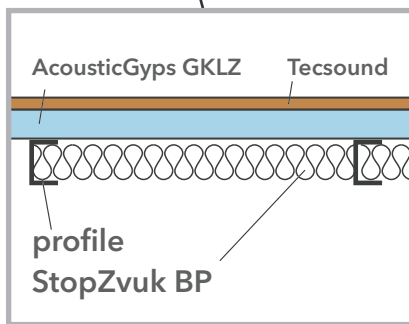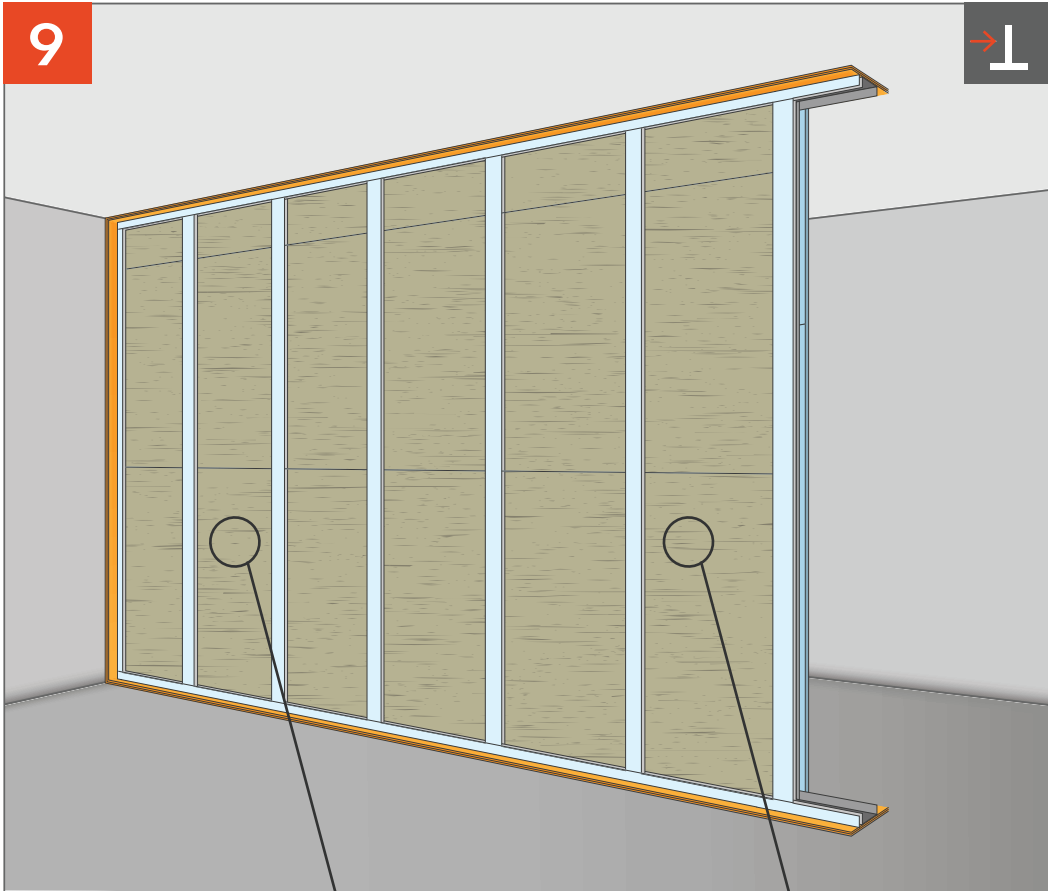
STANDARD M PARTITION SOUND INSULATION

7

Mount the first layer of AcousticGypsum GKLZ and cover the joints of the sheets with Sonetik vibroacoustic sealant.

8

Glue a sound insulation membrane on the AcousticGypsum GKLZ sheets and cover the joints with Sonetik vibroacoustic sealant.

9

AcousticGyps GKLZ Tecsound

profile
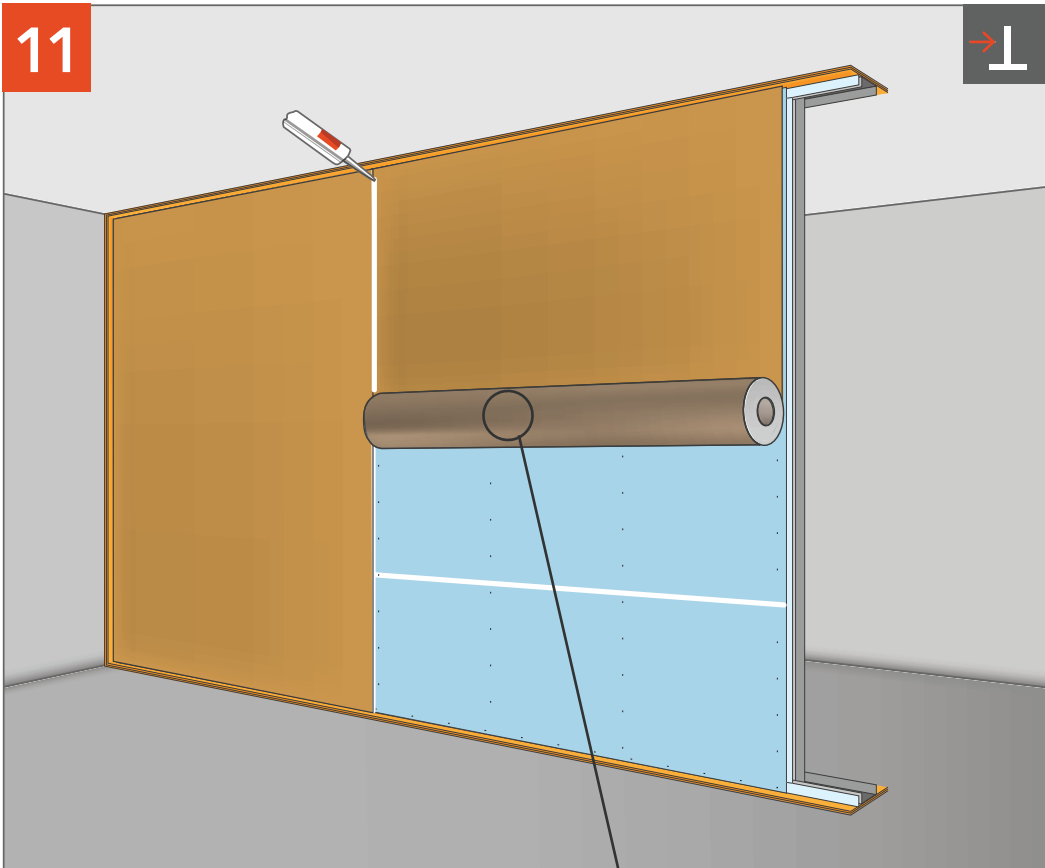StopZvuk BP

СТОПЗВУК БП
ПРЕМИУМ

СТОПЗВУК БП

10

Fill the frame with StopZvuk BP boards.
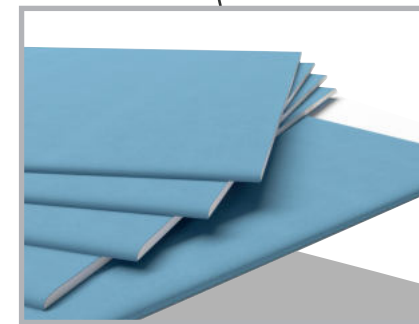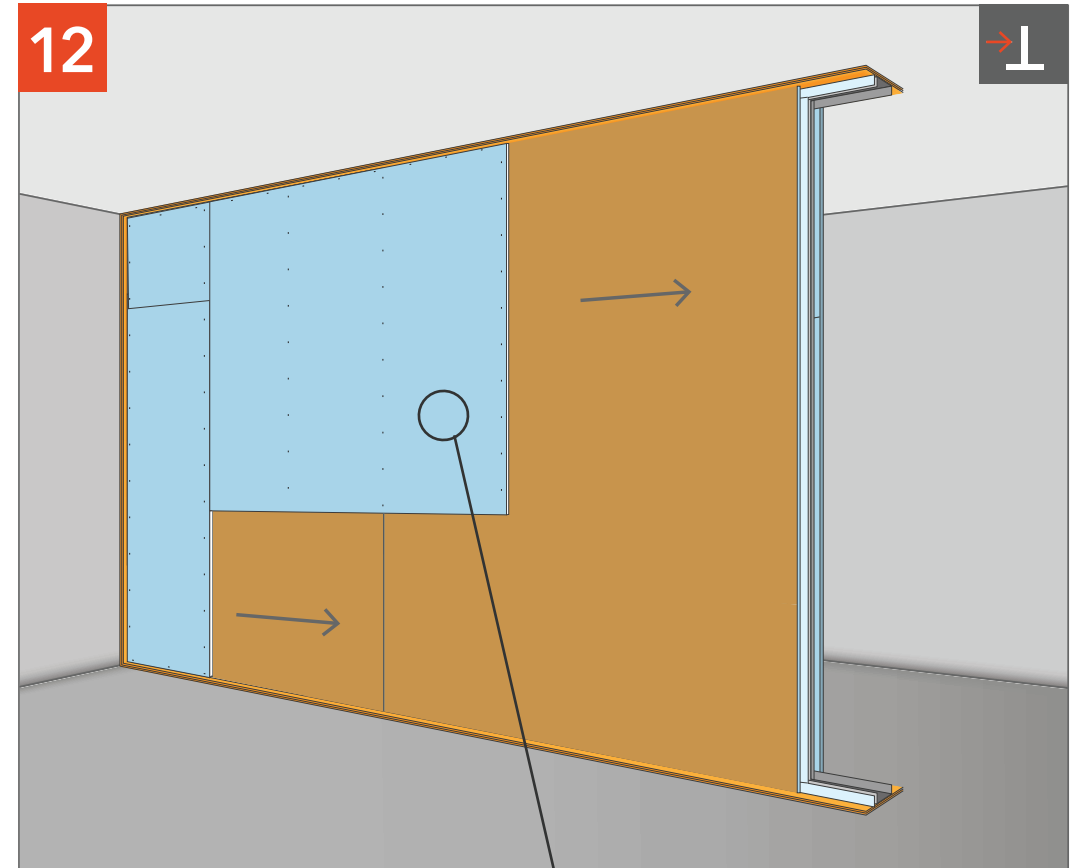
Mount AcousticGypsum GKLZ and cover the joints of the sheets with Sonetik vibroacoustic sealant.
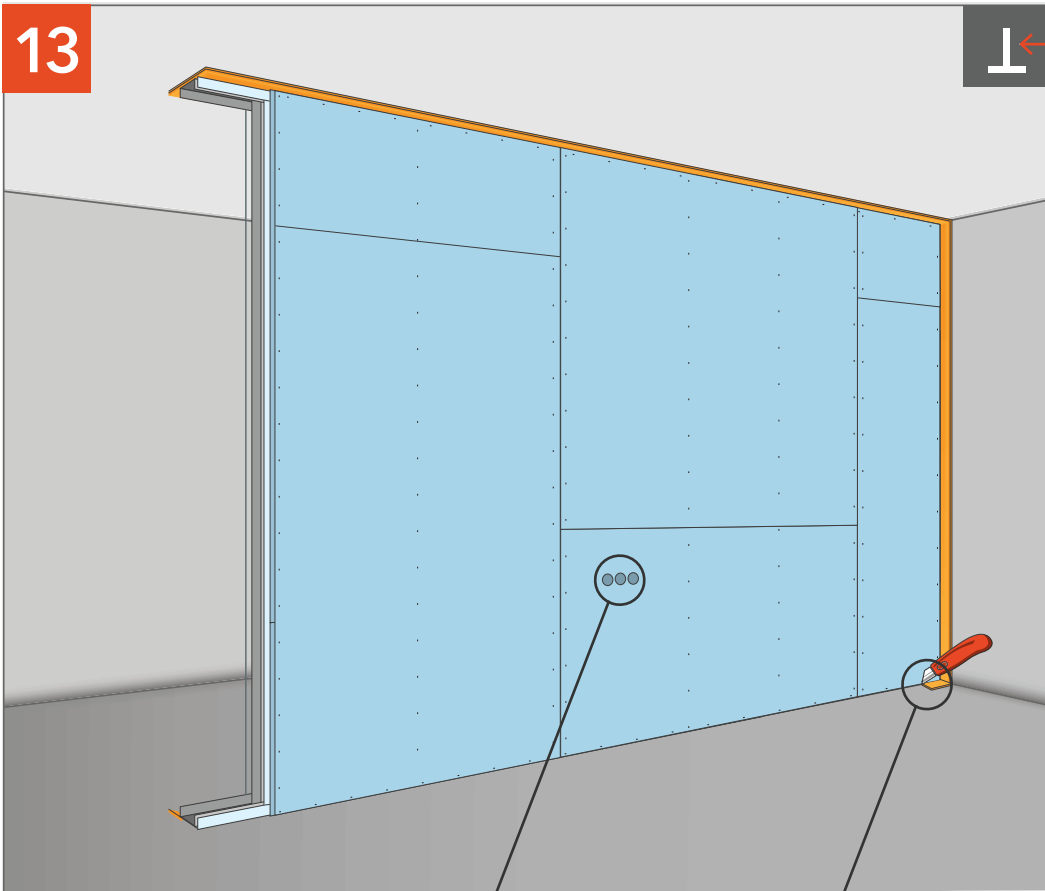
STANDARD M PARTITION SOUND INSULATION
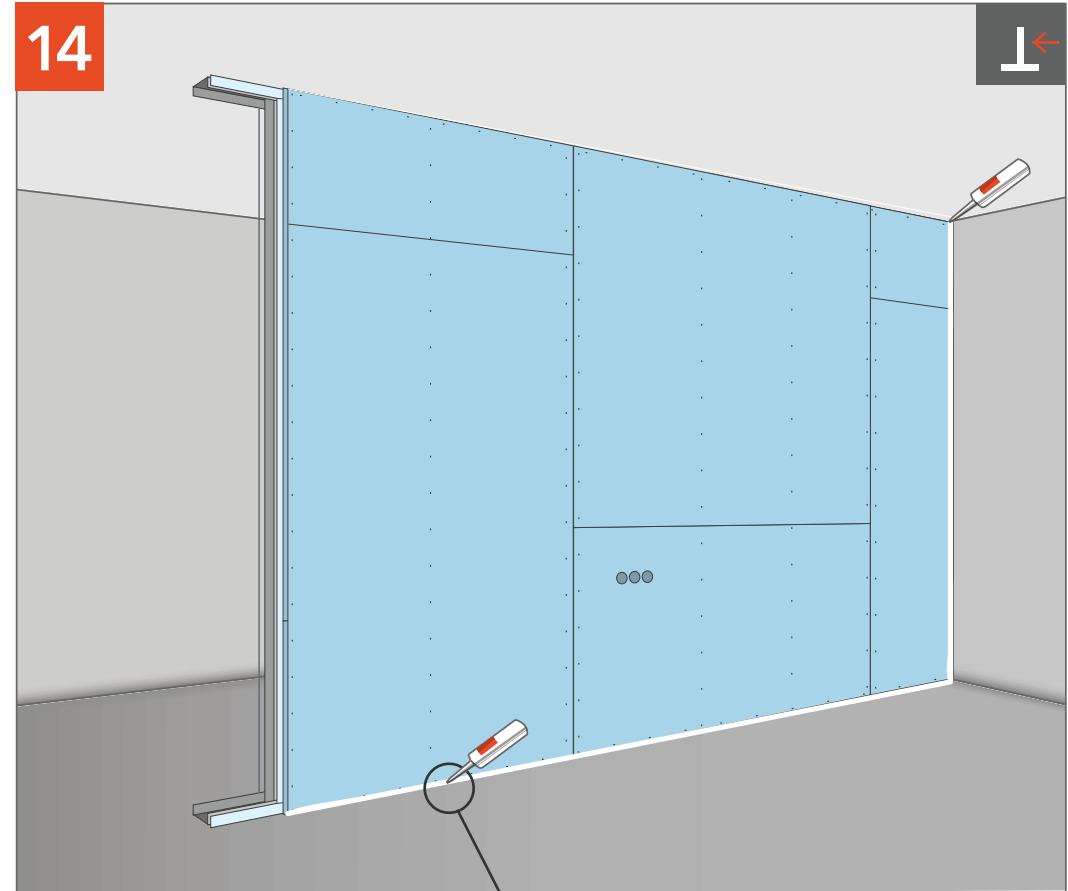
11

12

Glue a sound insulation membrane on the AcousticGypsum GKLZ sheets and cover the joints with Sonetik vibroacoustic sealant.

Mount one more AcousticGyps GKLZ layer.

13 — Remove excess of StopZvuk V100 tape.

14 — Apply Sonetik sealant around the perimeter.

STANDARD M PARTITION SOUND INSULATION