

12 STEPS TOWARD A GOOD CINEMA



WWW.ACOUSTIC-GROUP.COM



Acoustic Group Company has been doing acoustic design since 1999. During this time, we have accomplished more than 1000 various objects, more than 100 movie theaters were realized by Acoustic Group projects and with the participation of our company.

We have our own laboratory complex, where we research and develop own soundproofing, vibration-proofing and acoustic solutions.

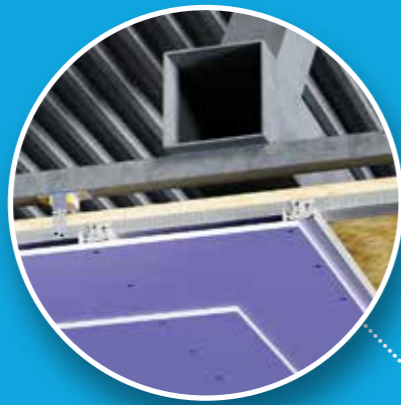
The purpose of this booklet is to draw your attention to the key points affecting the acoustic quality of the cinema and offer reliable and effective solutions.

We are always ready to provide you with technical advice on sound insulation and acoustic design of cinema halls.

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SOUNDPROOFING CEILING WITH ACOUSTIC HANGERS



SOUNDPROOFING WALLS BETWEEN THE HALLS



SLIDING WALL CONNECTION TO THE CEILING



FLEXIBLE SOUNDPROOFING CEILING CONNECTION TO THE WALLS



VIBRATION ISOLATION OF THE SCREEN FRAME ATTACHMENT TO THE FRONT WALL



SOUND INSULATION OF EXTERIOR WALLS



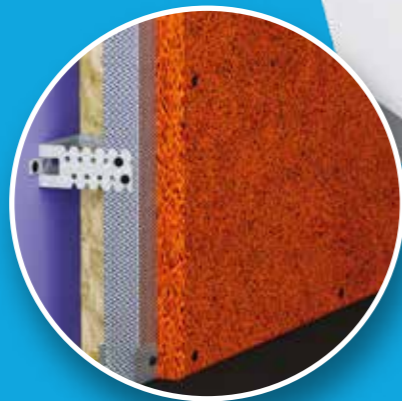
VIBRATION ISOLATION OF SCREEN SUPPORTS



FLOATING FLOOR



IMPACT-RESISTANT ACOUSTIC WALL PANELS



SOUND INSULATION OF INTERIOR WALLS WITH ACOUSTIC HANGERS

VIBRATION ISOLATION OF TIERED SEATING SUPPORTS

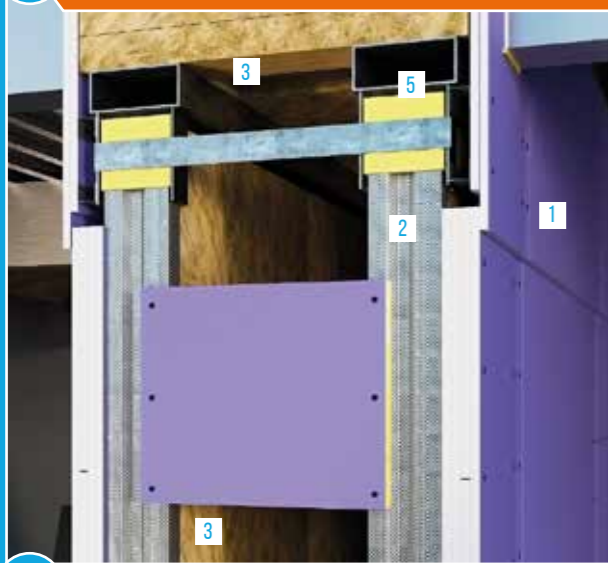


MORE INFORMATION
ON THE BACK

FLEXIBLE FLOATING FLOOR CONNECTION TO TIERED SEATING SUPPORTS



1 SLIDING WALL CONNECTION TO THE CEILING



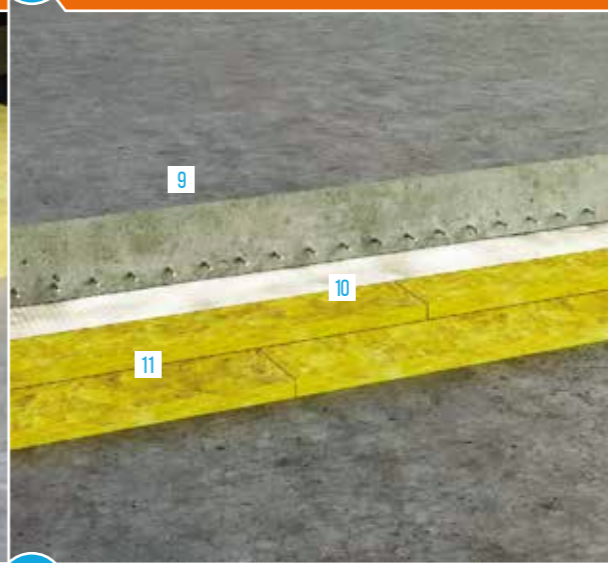
2 SOUNDPROOFING WALLS BETWEEN THE HALLS



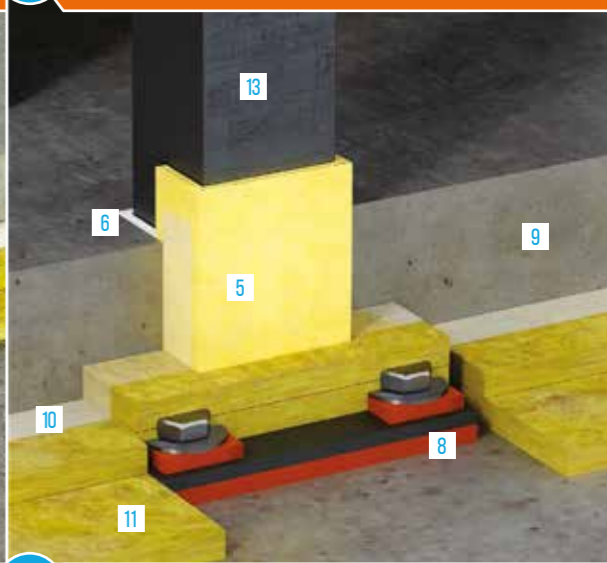
3 VIBRATION ISOLATION OF TIERED SEATING SUPPORTS



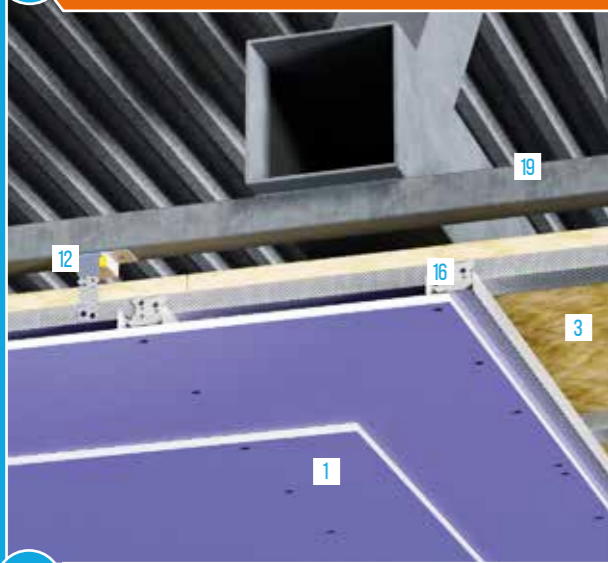
4 FLOATING FLOOR



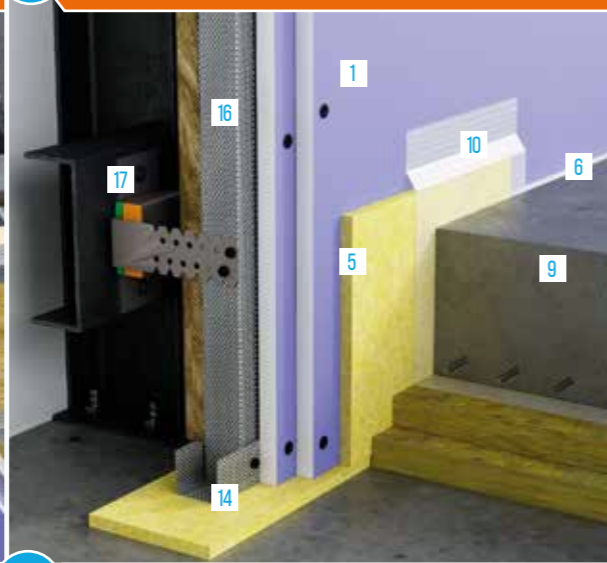
5 VIBRATION ISOLATION OF SCREEN SUPPORTS



6 SOUNDPROOFING CEILING WITH ACOUSTIC HANGERS



7 SOUND INSULATION OF EXTERIOR WALLS



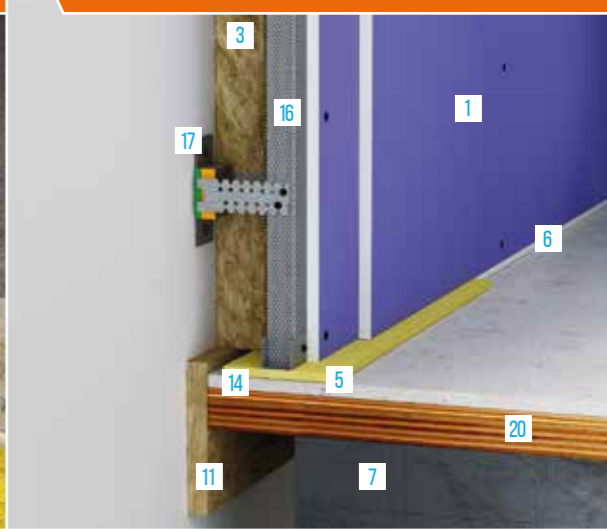
8 VIBRATION ISOLATION OF THE SCREEN FRAME ATTACHMENT TO THE FRONT WALL



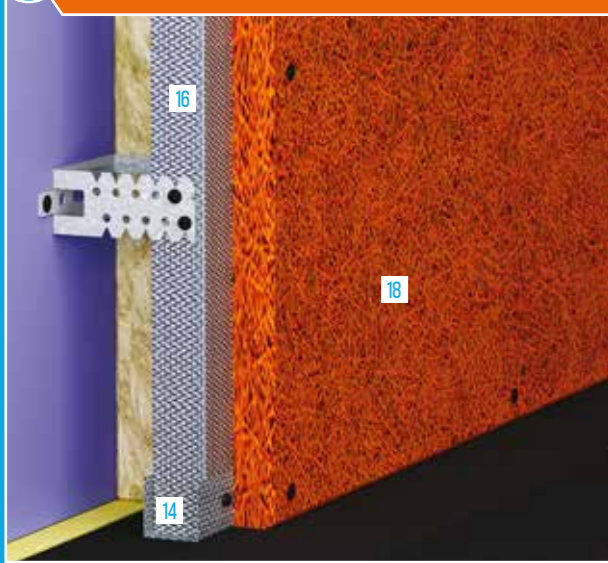
9 FLEXIBLE FLOATING FLOOR CONNECTION TO TIERED SEATING SUPPORTS



10 SOUND INSULATION OF INTERIOR WALLS WITH ACOUSTIC HANGERS



11 IMPACT-RESISTANT ACOUSTIC WALL PANELS



12 FLEXIBLE SOUNDPROOFING CEILING CONNECTION TO THE WALLS



NOTATION KEYS

- 1 Plasterboard **Gyproc AKU-line**, 12,5 mm
- 2 C stud **Gyproc Ultra** 100/44
- 3 Sound absorbing slab **AkuLite®**
- 4 Polyurethane Elastomer **SyloDYN®**
- 5 **Vibrostek®-M** (Vibration insulating tape)
- 6 Vibroacoustic Sealant **Vibrosil®**
- 7 Tiered seating supports
- 8 Polyurethane elastomer **SyloMER®**
- 9 Reinforced concrete screed
- 10 Separating layer
- 11 Sound proofing slab **Akufloor®-S20**
- 12 Acoustic hanger **Vibroflex®-Connect PP**
- 13 Screen frame supports
- 14 Ceiling Channel **Gyproc Ultra** 28/27
- 15 U channel **Gyproc Ultra** 100/37
- 16 Ceiling Channel **Gyproc Ultra** 60/27
- 17 Acoustic wall tie **Vibroflex®-Connect PS**
- 18 Anti-vandal acoustic panel **Soundboard**
- 19 Bearing metal frame
- 20 Tiered seating deck

DRAWINGS ARE AVAILABLE
UPON REQUEST:
SUPPORT@ACOUSTIC.RU

