

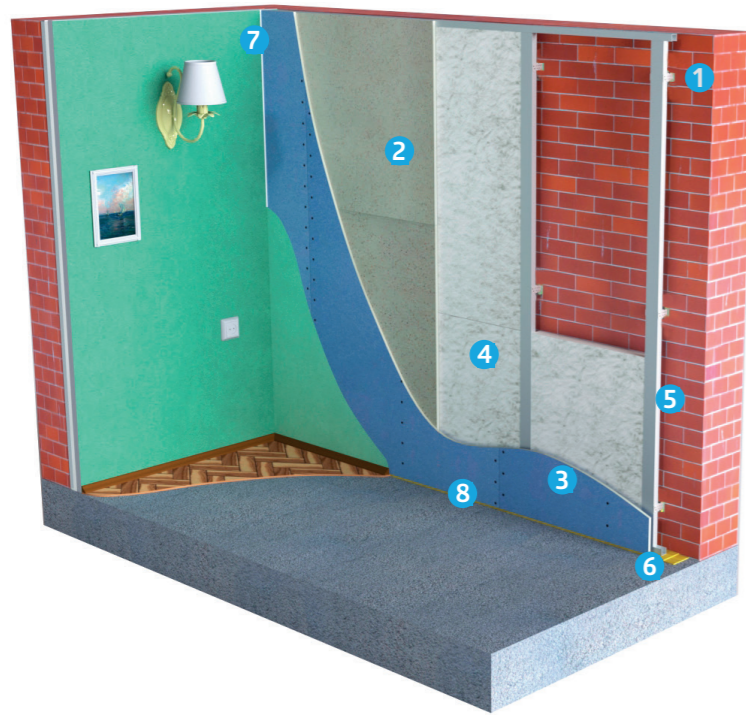


WALL SOUNDPROOFING

FRAME CLADDING USING VERSALITE VIBROINSULATING HANG

ULTRAKUSTIK

MAX LOAD WITHOUT INSERTS 35 kg/r.m. CONSTRUCTION THICKNESS 90 mm MAX ALLOWABLE HEIGHT 8 m



$\Delta R_w \approx 24$ dB additional airborne noise insulation

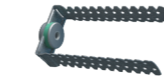
$R_w \approx 75$ dB airborne noise insulation index for the entire construction when mounted on a 120 mm thick sand-lime brick wall

When applied?

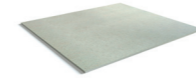
- When you need a smooth wall with maximum rigidity, while big noise from conversations, TV, a roding dog or crying children interferes.
- Mounted on a soundproofing floor and suspended soundproofing ceiling.

ULTRAKUSTIK versalite vibroinsulation hang

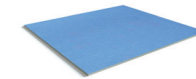
- Sylodyn® vibration insulating element
- Anodized
- "Grower effect"
- Service life over 30 years
- Carrying capacity 25 kg
- Works well across the entire frequency range (domestic noise)



1 ULTRAKUSTIK, versalite vibroinsulation hang
average consumption per 1 m² = 2.2 pcs.



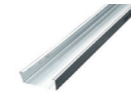
2 Soundline-dB, GFB sheet 1200x1200x16.5 mm
average consumption per 1 m² = 0.7 pcs.



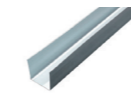
3 AKU-Line plasterboard, sheet 2000 x 1200 x 12,5 mm
average consumption per 1 m² = 0.42 pcs.



4 Shumanet-ECO, glass-fiber slab plate 1200x600x50 mm
average consumption per 1 m² = 0.34 pack.



5 Gyproc-Standard Profile PP 60/27 length 3 r.m.
average consumption per 1 m² = 0.84 pcs.



6 Gyproc-Standard Profile PPN 28/27 length 3 r.m.
average consumption per 1 m² = 0.33 pcs.



7 Vibroseal, silicone neutral sealant 290 ml cartridge
average consumption per 1 m² = 0.4 pcs.



8 Vibrostack-M 100 Tape, vibration damping spacer roll 30m, width 100mm thickness 4 mm (3 m²)
average consumption per 1 m² = 0.73 pcs.



Approximate cost of the construction, based on m²

€/m²

INSTALLATION MANUAL



PP 60/27 metal profiles are fixed to the insulated wall with the help of special ULTRAKUSTIK vibration insulating hangs. Vibration insulating hangs are installed with a pitch of not more than every 1.5 running meters of the stud, but not less than 3 pieces with a profile length of up to 3 meters.

Mount the hangs at a distance of no more than 150 mm from the edge of the profile. PPN 28/27 metal profiles are fixed to the enclosing structures of the floor, ceiling and side walls through two layers of Vibrostack-M 100 Tape vibration damping spacer.

Soundline-dB and AKU-Line plasterboardsheet cladding materials are installed to the frame with a stagger between joints. Upon completion of soundproofing frame cladding installation, the excess of protruding Vibrostack-M 100 Tape tape is cut off and the resulting joint is filled with Vibroseal.

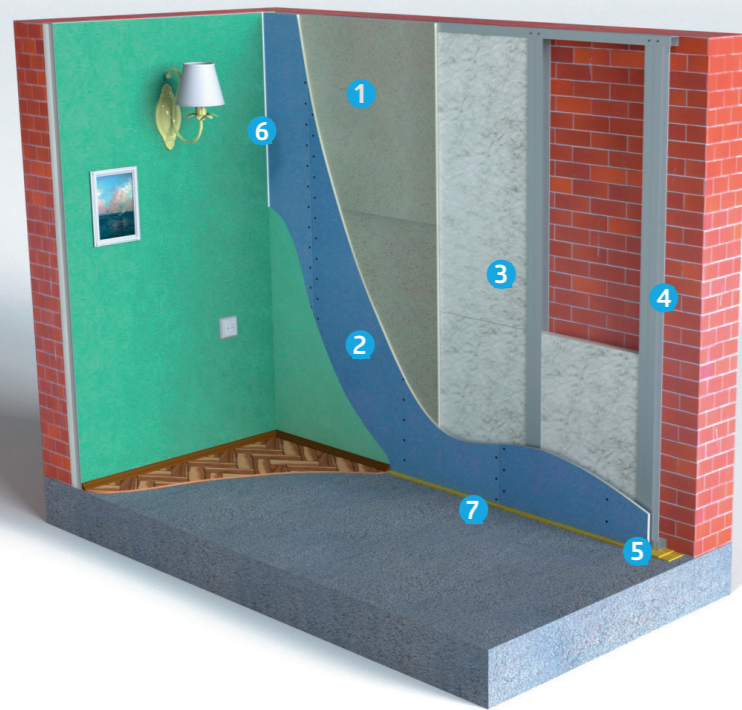


WALL SOUNDPROOFING

INDEPENDENT FRAME CLADDING

ON COUPLED PROFILE 50 MM

MAX LOAD WITHOUT INSERTS 35 kg/r.m. CONSTRUCTION THICKNESS 90 mm MAX ALLOWABLE HEIGHT 2.6 m

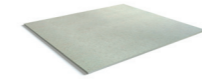


$\Delta R_w \approx 25$ dB additional airborne noise insulation

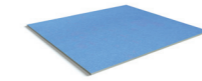
$R_w \approx 76$ dB airborne noise insulation index for the entire construction when mounted on a 120 mm thick sand-lime brick wall

When applied?

- When you need to level the wall and do not want to deal with wet processes, but when the noise of medium volume interferes: conversations, TV, barking dog.
- To achieve the maximum effect, it is mounted on soundproofing bases: "floating" floor, soundproofing ceiling.



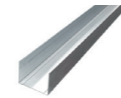
1 Soundline-dB, GFB sheet 1200x1200x16.5 mm average consumption per 1 m² = 0.7 pcs.



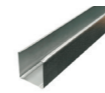
2 AKU-Line plasterboard sheet 2000 x 1200 x 12,5 mm average consumption per 1 m² = 0.42 pcs.



3 Shumanet-ECO, acoustic glasswool-fiber board average consumption per 1 m² = 0.34 pack.



4 Gyproc-Standard Profile 50/40 length 3 r.m. average consumption per 1 m² = 0.33 pcs.



5 Gyproc-Standard Profile 50/50 length 3 r.m. average consumption per 1 m² = 1.34 pcs.



6 Vibroseal, silicone neutral sealant 290 ml cartridge average consumption per 1 m² = 0.4 pcs.



7 Vibrostack-M 100 Tape, vibration damping spacer roll 30m, width 100mm thickness 4 mm (3 m²) average consumption per 1 m² = 0.73 pcs.



Approximate cost of the construction, based on m²

€/m²



INSTALLATION MANUAL

The frame of the soundproofing cladding is mounted with a distance of 10 mm from the insulated wall. Elements of soundproofing cladding adjoin the enclosing structures exclusively through two layers of Vibrostack-M 100 Tape vibration-damping spacer.

Attention! Frame soundproofing cladding should not have rigid connections with the insulated wall. If the cladding is subject to a cantilever load (kitchen cabinets, heavy shelves), then the metal frame should be fixed to the insulated wall using vibration insulating hangers ULTRAKUSTIK.

Soundline-dB and AKU-Line plasterboard sheet cladding materials are installed to the frame with a stagger between joints. Upon completion of soundproofing framed cladding installation, the excess of protruding Vibrostack-M 100 Tape tape is cut off and the resulting joint is filled with Vibroseal.

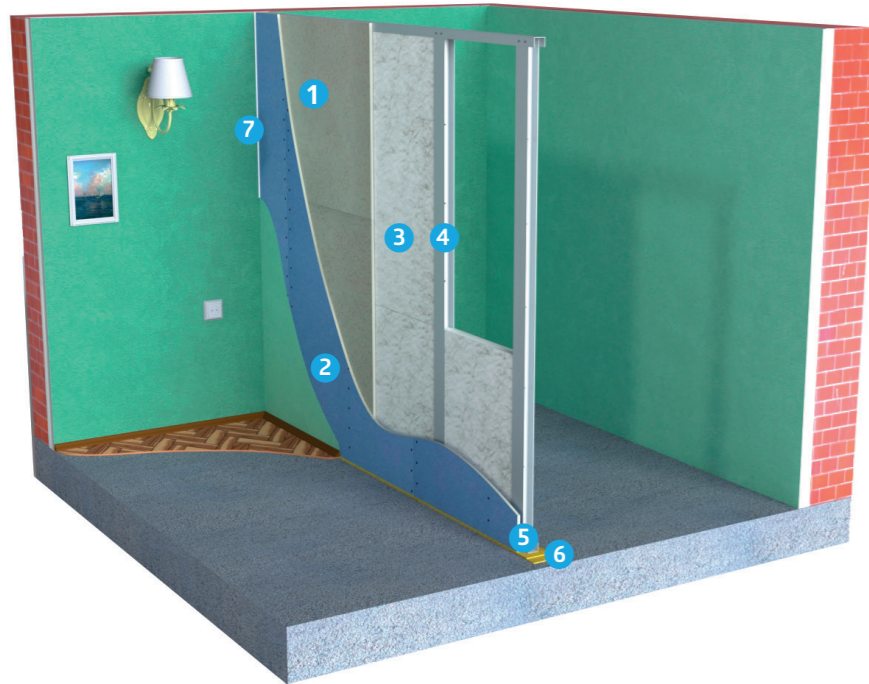


SOUNDPROOFING OF PARTITIONS

SOUNDPROOFING FRAME PARTITION

ON A 50 MM FRAME

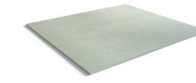
MAX LOAD WITHOUT INSERTS 35 kg/r.m. CONSTRUCTION THICKNESS 108 mm MAX ALLOWABLE HEIGHT 4 m



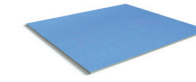
$R_w \approx 60$ dB
airborne noise insulation index of the entire structure

When applied?

- Suitable as a reliable standard interior partition inside the apartment



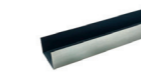
1 Soundline-dB, GFB sheet 1200x1200x16.5 mm average consumption per 1 m² = 1.4 pcs.



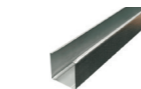
2 AKU-Line plasterboard sheet 2000 x 1200 x 12,5 mm average consumption per 1 m² = 0.84 pcs.



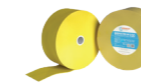
3 Shumanet-ECO, acoustic glasswool-fiber board plate 1200x600x50 mm average consumption per 1 m² = 0.34 pack.



4 Gyproc-Standard Profile 50/40 length 3 r.m. average consumption per 1 m² = 1.24 pcs.



5 Gyproc-Standard Profile 50/50 length 3 r.m. average consumption per 1 m² = 0.33 pcs.



6 Vibrostack-M 100 Tape, vibration damping spacer roll 30m, width 100mm thickness 4 mm (3 m²) average consumption per 1 m² = 0.73 pcs.



7 Vibroseal, silicone neutral sealant 290 ml cartridge average consumption per 1 m² = 0.8 pcs.



Approximate cost of the construction, based on m²

€/m²

INSTALLATION MANUAL

The frame soundproofing partition should adjoin the enclosing structures exclusively through two layers of Vibroseal vibration-damping spacer. PS 50/40 metal profiles are installed with a pitch of 600 mm.

Soundline-dB and Gyproc AKU-Line plasterboard sheet cladding materials are attached to the frame with a distance between joints. Upon completion of soundproofing framed cladding installation, the excess of protruding Vibrostack-M 100 Tape tape is cut off and the resulting joint is filled with Vibroseal sealant.



SOUNDPROOFING OF PARTITIONS

SOUNDPROOFING FRAME PARTITION

ON A 75 MM FRAME

MAX LOAD WITHOUT INSERTS 35 kg/r.m. CONSTRUCTION THICKNESS 133 mm MAX ALLOWABLE HEIGHT 5.5 m



$R_w \approx 62$ dB
airborne noise insulation index of the entire structure

When applied?

- Suitable as a reliable standard interior partition inside the apartment with the possibility of installing a large number of utilities within the partition.

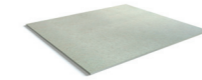


INSTALLATION MANUAL

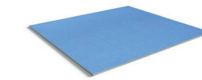
The frame soundproofing partition should adjoin the enclosing structures exclusively through two layers of Vibrostak-M 100 Tape M150 vibration-damping spacer.

PS 75/50 metal channels are installed with a pitch of 600 mm. The channels are connected to each other according to "back to back" principle.

Soundline-dB and AKU-Line plasterboard sheet cladding materials are attached to the frame with a distance between joints. Upon completion of soundproofing framed cladding installation, the excess of protruding Vibrostak-M 100 Tape tape is cut off and the resulting joint is filled with Vibroseal.



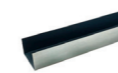
- 1 Soundline-dB, GFB sheet 1200x1200x16.5 mm
average consumption per 1 m² = 1.4 pcs.



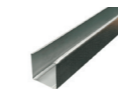
- 2 AKU-Line plasterboard sheet 2000 x 1200 x 12,5 mm
average consumption per 1 m² = 0.84 pcs.



- 3 Shumanet-ECO, acoustic glasswool-fiber board plate 1200x600x50 mm
average consumption per 1 m² = 0.34 pack.



- 4 Gyproc-Standard Profile 75/40 length 3 r.m.
average consumption per 1 m² = 1.34 pcs



- 5 Gyproc-Standard Profile 75/50 length 3 r.m.
average consumption per 1 m² = 0.33 pcs.



- 6 Vibrostak-M 100 Tape, vibration damping spacer roll 30m, width 100mm thickness 4 mm (3 m²)
average consumption per 1 m² = 0.73 pcs.



- 7 Vibroseal, silicone neutral sealant 290 ml cartridge
average consumption per 1 m² = 0.8 pcs.



Approximate cost of the construction, based on m²

€/m²



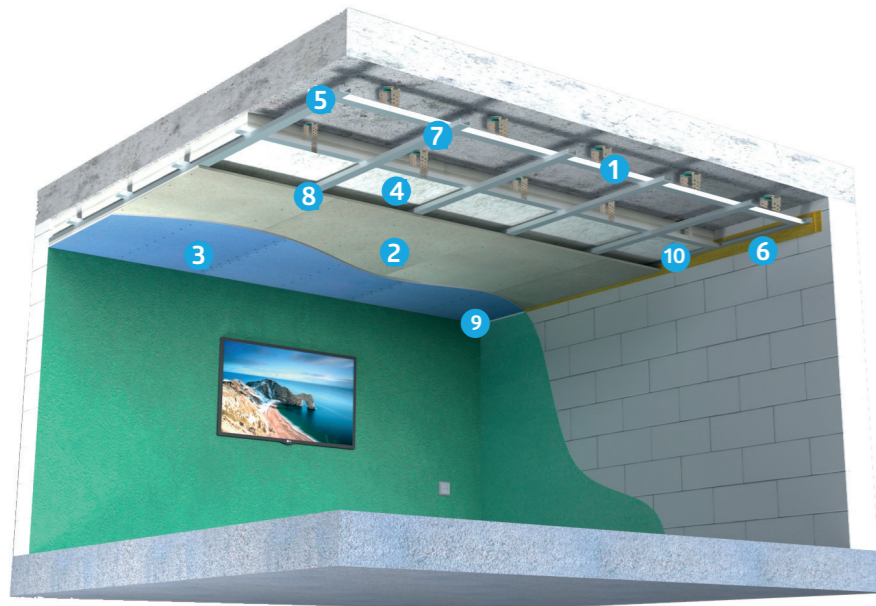
SOUNDPROOFING OF THE CEILINGS

FRAME SOUNDPROOFING CEILING ON HANGS

ULTRAKUSTIK

MAX LOAD WITHOUT INSERTS 6 kg/m²

CONSTRUCTION THICKNESS 130 mm



When applied?

- When you need high efficiency with limited height.
- If children stomp from above, objects fall, loud music, noise from conversations, TV or a barking dog.

ULTRAKUSTIK universal ceiling hang

- Service life over 30 years
- Carrying capacity 15 kg
- Passed acoustic tests

$\Delta R_w \approx 21$ dB additional airborne noise insulation

$R_w \approx 75$ dB airborne noise insulation index of the entire structure



INSTALLATION MANUAL

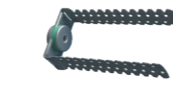
The frame is fixed to the ceiling with the help of ULTRAKUSTIK vibration insulating hangs. Rigid structural elements must adhere to all walls through an elastic spacer made of Vibrostack-M 100 Tape M100 material in two layers. The sound-absorbing slab Shumanet-ECO is laid in the inner space of the frame in two layers.

After sound-absorbing slabs laying the frame is sheathed in one layer with Soundline-dB acoustic GFB triplex, and Gyproc AKU-line finish plasterboard sheets are directly attached to them.

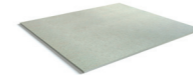
Soundline-dB and AKU-Line plasterboard sheet facing materials are fixed with a spacing between joints. Upon completion of installation soundproofing framed cladding, the excess of protruding Vibrostack-M 100 Tape is cut off and the resulting joint is filled with Vibroseal.



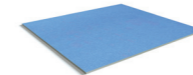
- 10 Vibrostack-M 100 Tape, vibration damping spacer roll 30m, width 100mm thickness 4 mm (3 m²) average consumption per 1 m² = 0.73 pcs.



- 1 ULTRAKUSTIK, ceiling hanger average consumption per 1 m² = 2.8 pcs.



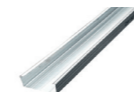
- 2 Soundline-dB, acoustic GFB triplex sheet 1200x1200x16.5 mm average consumption per 1 m² = 0.7 pcs.



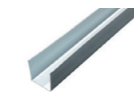
- 3 AKU-Line plasterboard sheet 2000 x 1200 x 12,5 mm average consumption per 1 m² = 0.42 pcs.



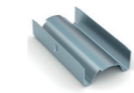
- 4 Shumanet-ECO acoustic glasswool-fiber board plate 1200x600x50 mm average consumption per 1 m² = 0.67 pack.



- 5 Gyproc-Standard Profile PP 60/27 length 3 r.m. average consumption per 1 m² = 1.3 pcs.



- 6 Gyproc-Standard Profile PPN 28/27 length 3 r.m. average consumption per 1 m² = 0.33 pcs.



- 7 Extension PP 27x60 average consumption per 1 m² = 1,1 pcs.



- 8 Connector PP 27x60, two-level average consumption per 1 m² = 5 pcs.



- 9 Vibroseal, silicone neutral sealant 290 ml cartridge average consumption per 1 m² = 0.4 pcs.



Approximate cost of the construction, based on m²

€/m²



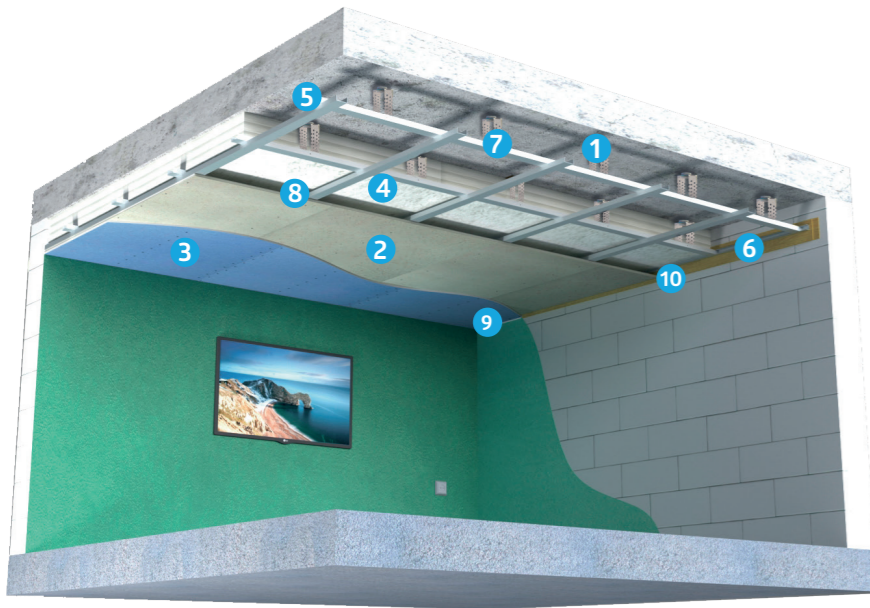
SOUNDPROOFING OF THE CEILINGS

FRAME SOUNDPROOFING CEILING ON HANGS

ULTRAKUSTIK (2 LAYERS)

MAX LOAD WITHOUT INSERTS 6 kg/m²

CONSTRUCTION THICKNESS 200 mm



When applied?

- When you need maximum effect.
- If there are stomping children, falling objects, loud music, vibration or noise from conversations, TV or a barking dog from above.

ULTRAKUSTIK universal ceiling hang

- Service life over 30 years
- Carrying capacity 15 kg
- Passed acoustic tests

$\Delta R_w \approx 21$ dB
additional airborne noise insulation

$R_w \approx 75$ dB
airborne noise insulation index of the entire structure



INSTALLATION MANUAL

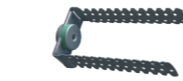
The frame is fixed to the ceiling with the help of ULTRAKUSTIK or vibration insulating hangs. Rigid structural elements must adhere to all walls through an elastic spacer made of Vibrostack-M 100 Tape material in two layers. The sound-absorbing slab Shumanet-ECO is laid in the inner space of the frame in two layers.

After sound-absorbing slabs laying the frame is sheathed in one layer with Soundline-dB acoustic GFB triplex, and finish AKU-Line plasterboard plasterboard sheets are directly attached to them.

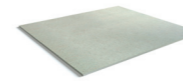
Soundline-dB and Gyproc Aku-line sheet facing materials are fixed with a stagger between joints. Upon completion of installation soundproofing framed cladding, the excess of protruding Vibrostack-M 100 Tape is cut off and the resulting joint is filled with Vibroseal.



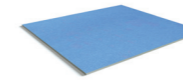
- 10 Vibrostack-M 100 Tape, vibration damping spacer roll 30m, width 100mm thickness 4 mm (3 m²) average consumption per 1 m² = 0.73 pcs.



- 1 ULTRAKUSTIK, ceiling hanger average consumption per 1 m² = 2.8 pcs.



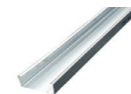
- 2 Soundline-dB, acoustic GFB triplex sheet 1200x1200x16.5 mm average consumption per 1 m² = 0.7 pcs.



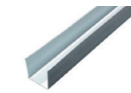
- 3 AKU-Line plasterboard sheet 2000 x 1200 x 12,5 mm average consumption per 1 m² = 0.34 pcs.



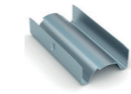
- 4 Shumanet-ECO acoustic glasswool-fiber board slab 1200x600x50 mm average consumption per 1 m² = 1 pack.



- 5 Gyproc-Standard Profile PP 60/27 length 3 r.m. average consumption per 1 m² = 1.4 pcs.



- 6 Gyproc-Standard Profile PPN 28/27 length 3 r.m. average consumption per 1 m² = 0.24 pcs.



- 7 Extension PP 27x60 average consumption per 1 m² = 1 pcs.



- 8 Connector PP 27x60, two-level average consumption per 1 m² = 3.1 pcs.



- 9 Vibroseal, silicone neutral sealant 290 ml cartridge average consumption per 1 m² = 0.4 pcs.



Approximate cost of the construction, based on m²

€/m²