

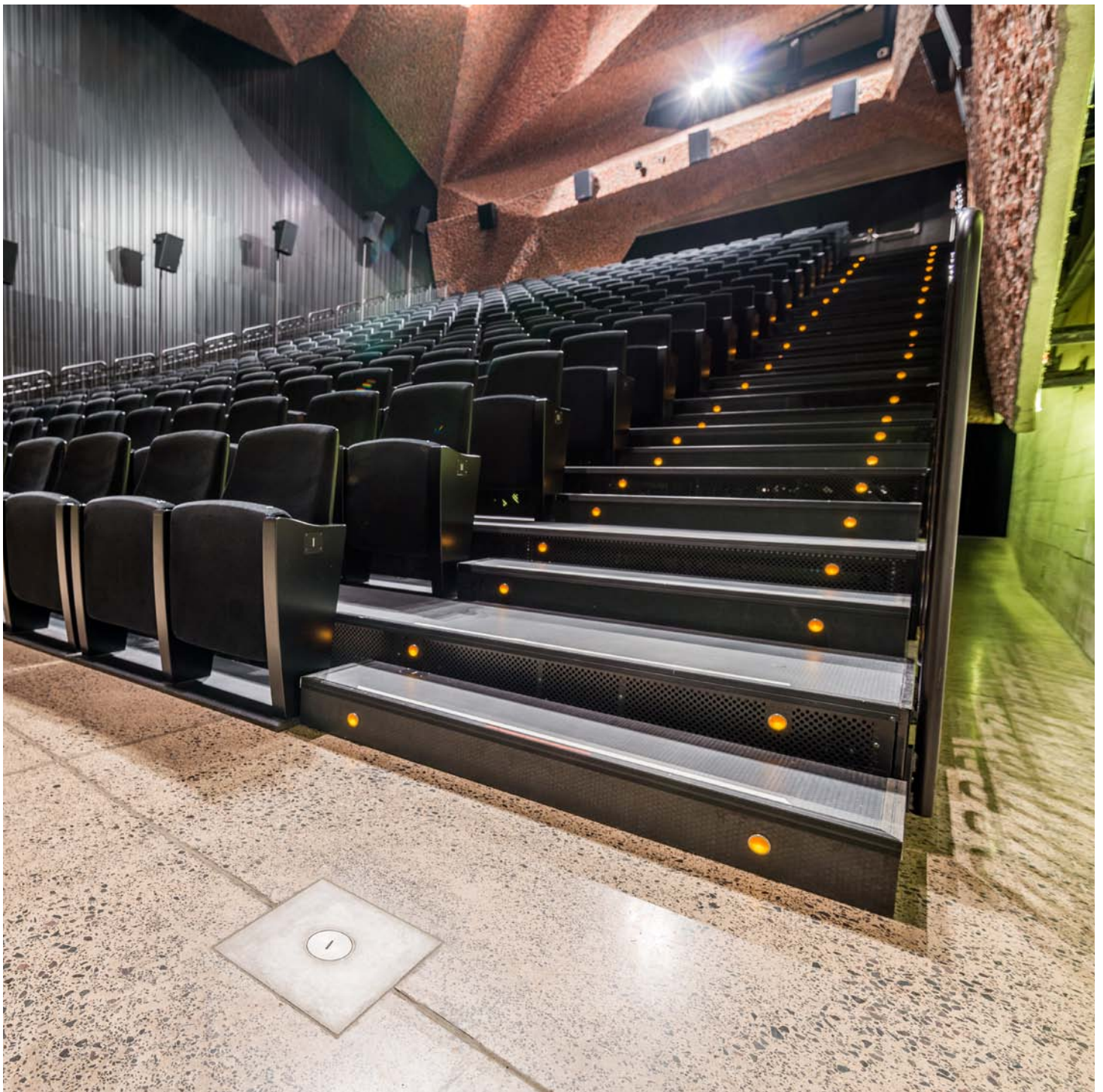


Grindable shuttering unit Information



Advantages

- ✓ The height-adjustable shuttering units serve as lost formworks during the standardized production of grindable screed and bitumen final floor levels.
- ✓ Though the retrofit, the stainless steel installation unit cannot be damaged during neither the installation of the screed nor the grinding process.
- ✓ Every grindable shuttering unit can later be adjusted to the final floor level. Therefore an independent working from the final floor level on is possible.
- ✓ Impact noise transmission and crack initiation can be reduced by decoupling the unit using an expansion joint.
- ✓ A floating installation is possible for heated screed and heated cast-asphalt.



References

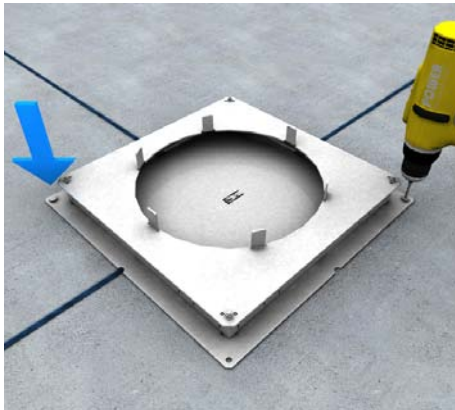


Grindable shuttering unit

Assembly instruction

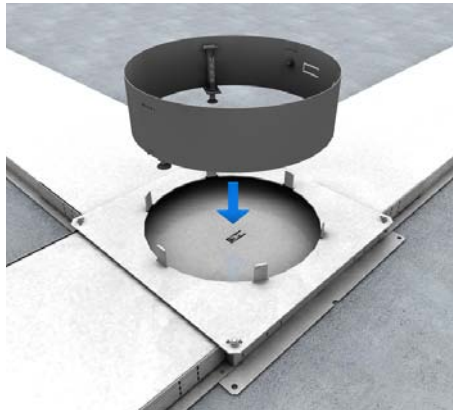


Grindable shuttering unit (UNSKH), round and quadrangular, height-adjustable between 96 - 155 mm. Installation dimensions $\varnothing 308$ mm (round) and 261 x 261 mm (quadrangular). For grindable cast-asphalt and screed floors, consisting of a foldable unit, levelling bases and a grindable cover.



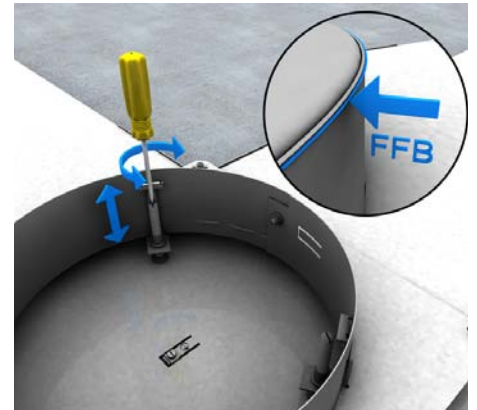
1 | Hollow space floor box

Assemble the hollow space floor box on the slab ceiling.



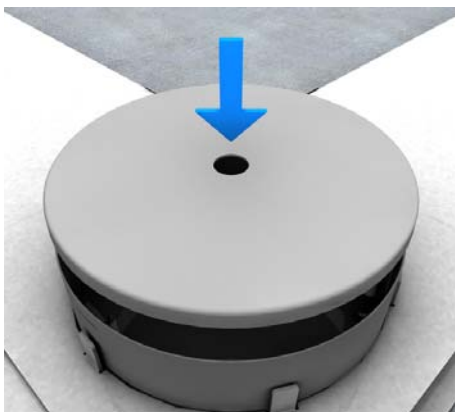
2 | Insert the grindable shuttering unit

Insert the grindable shuttering unit into the hollow space floor box from above.



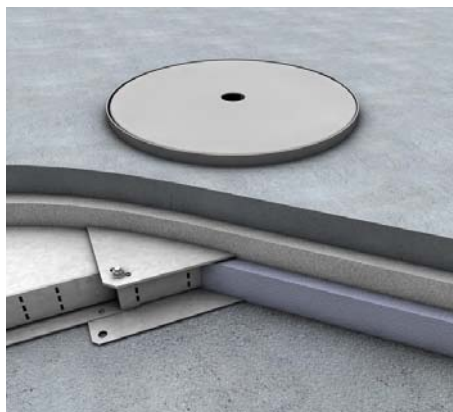
3 | Levelling

Adjust the grindable shuttering unit to the height of the finished floor level (FFB) using the levelling screws.



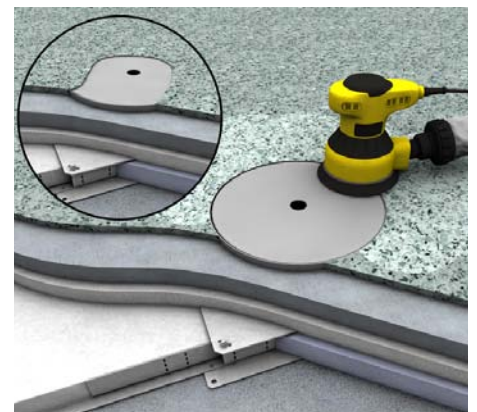
4 | Insert cover

Insert the grindable cover in the shuttering unit up to the attachment points. Spray the shuttering unit with form-work oil for an easier removal. Do not use any other separate layers.



5 | Base screed

Insert the insulation, impact noise and base screed layer. Hardening of the screed.

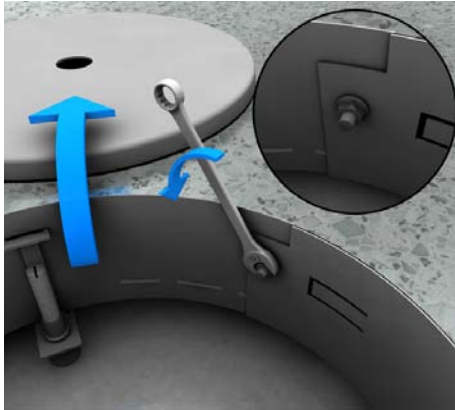


6 | Finished floor level

Apply the grindable final layer. Hardening of the new screed layer. Grind multiple times to reach the cover height/final screed height.

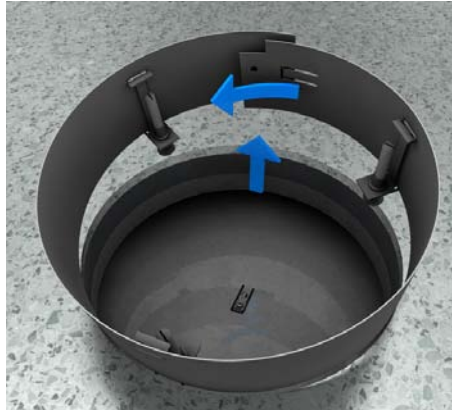
Grindable shuttering unit

Assembly instruction



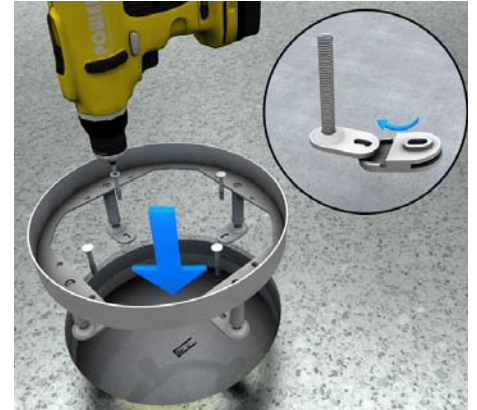
7 | Remove cover

After grinding, remove the cover and release the connection screws of the shuttering unit.



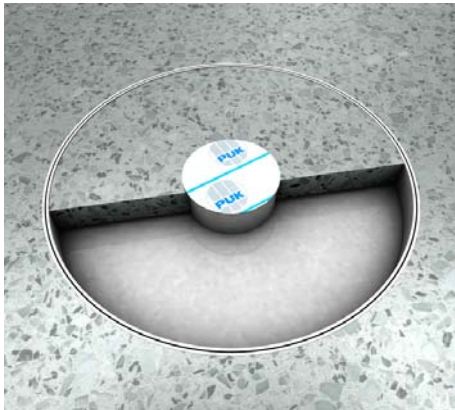
8 | Remove shuttering unit

Slide carefully the shuttering unit together and afterwards take it out.



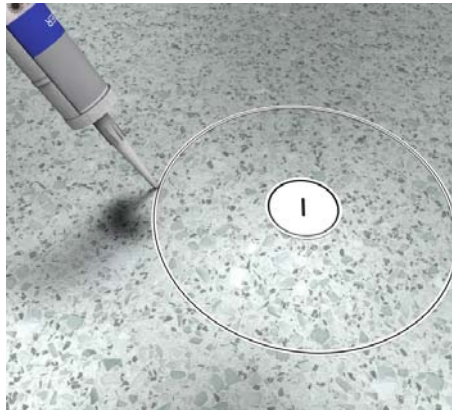
9 | Insert cartridge frame

Insert the cartridge frame with levelling bases into the screed opening from above and fasten it with nail plugs. If necessary, use impact noise sleeves. Subsequent levelling to the height of the finished floor level.



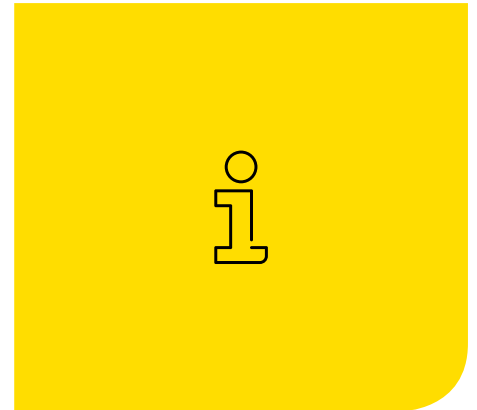
10 | Inner cartridge

Mask the unit's cable or tube outlet. Continue with filling and grinding the inner cartridge carefully. Insert the final inner cartridge in the frame.



11 | Grouting

Grout the resulting circumferential joint between the finished floor level and the cartridge unit with an appropriate sealant.



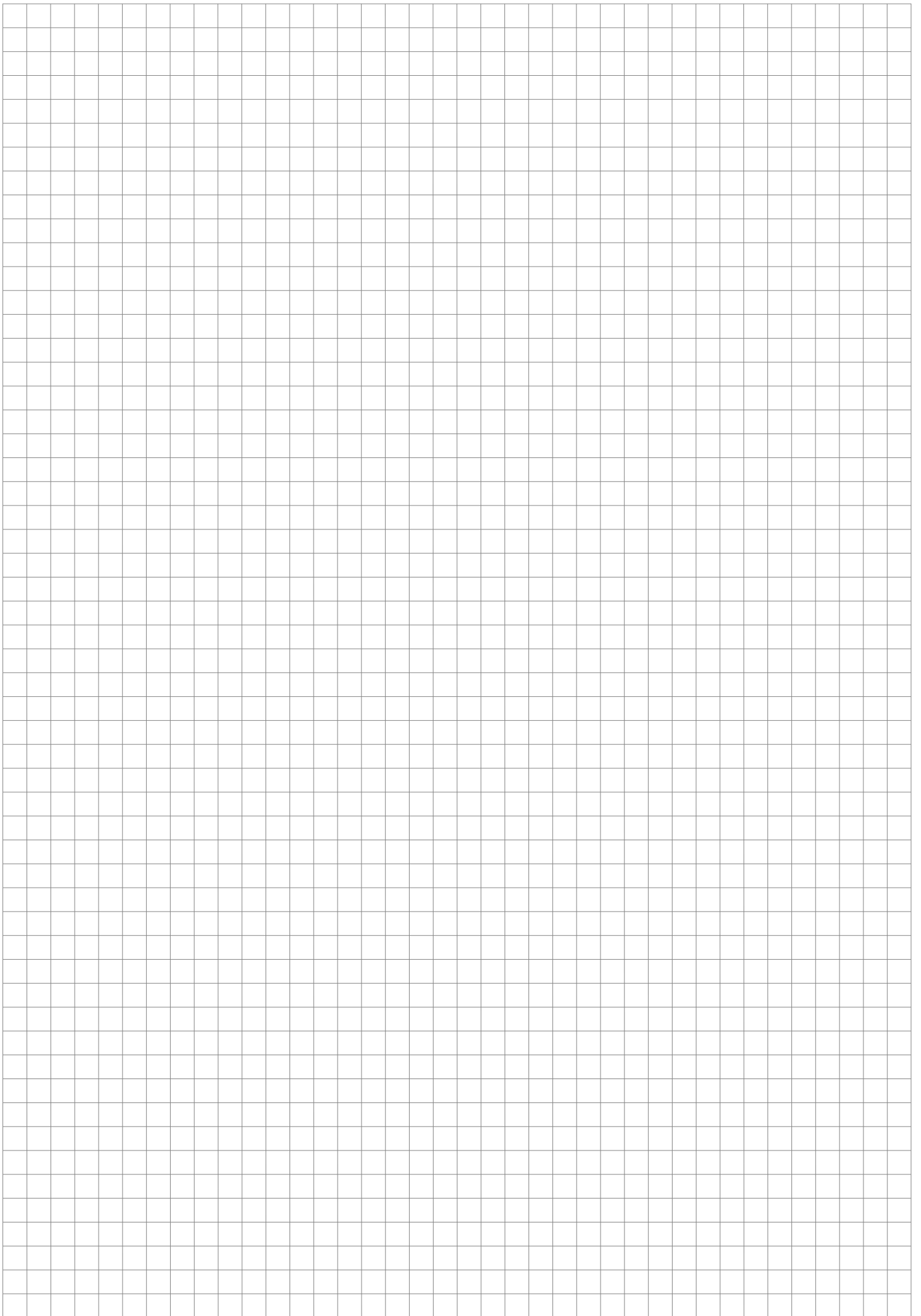
12 | Important information

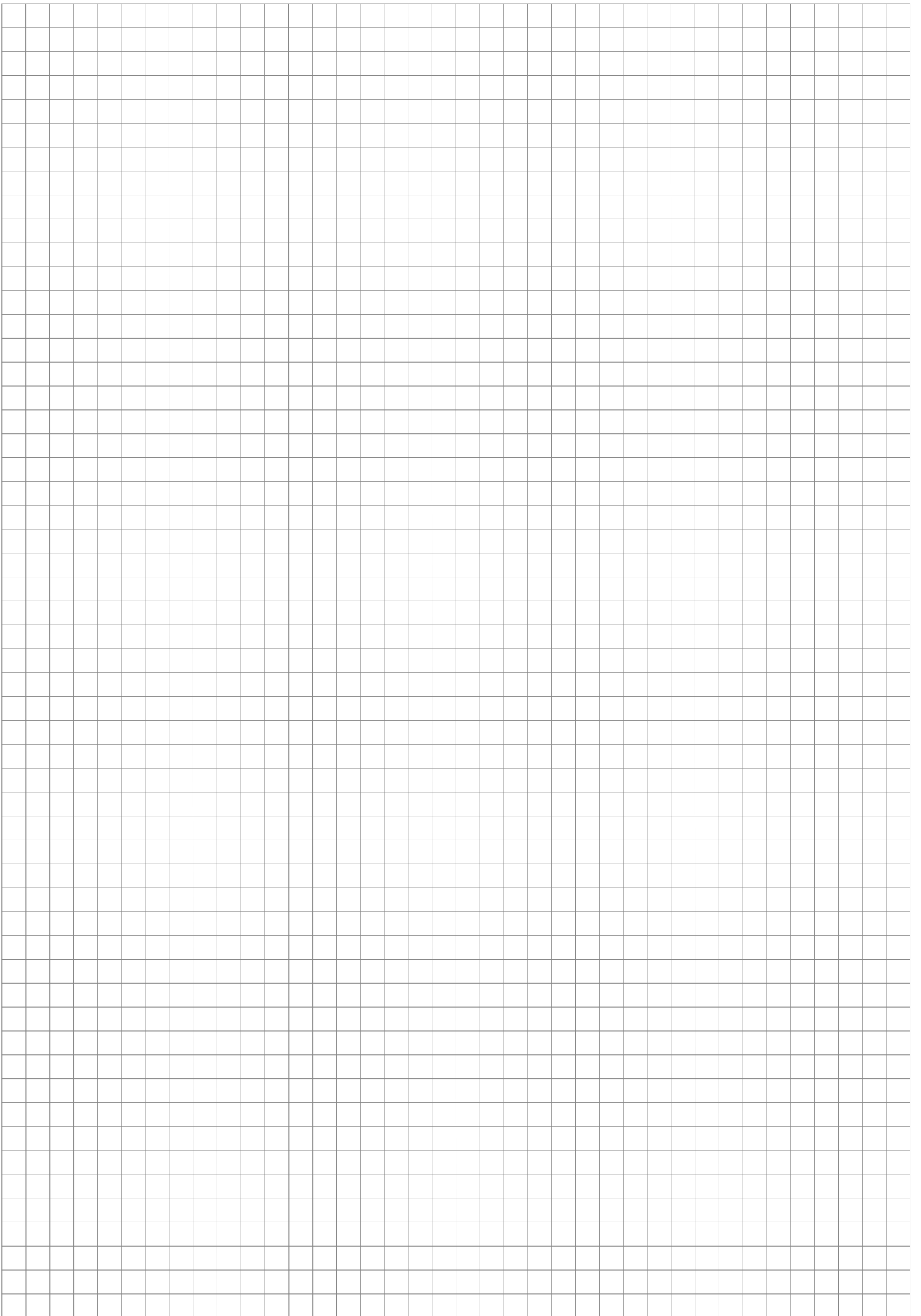
- Define and coordinate all processing steps in advance with the stackholders.
- Mount the grindable shuttering unit which is levelled to the upper edge of the finished floor right before the application of the screed. Cordon off the area of work for the installation of the insulation and the ground floor.
- The final layer needs to be regrind multiple times to close flush with the cover of the shuttering unit (figure 6).
- Before applying the screed, check whether the shuttering unit is level with the height of the finished floor level.
- The shuttering unit remains in the floor during the entire process and must be carefully removed before the installation of the stainless steel installation unit.
- Protect the installation unit and the finished floor level during the touch-up's.
- If the work has been carried out accurately, the resulting expansion joint is barely visible after grouting.
- The screed/cast-asphalt must be exactly applied in the area of the shuttering unit without imperfections.



Expert advice by the company

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