

## Design and construction recommendations

- Thermal insulation should be installed in dry conditions (no rainfall, relative air humidity below 80%).
- It is recommended not to work on surfaces directly exposed to sunshine, and the layers should be protected against rainfall and strong wind. It is also recommendable to install a dense protection mesh along the scaffolding.
- The ambient temperature should be between +5 and +25°C. An exception are coloured mineral plasters which can be applied from a minimum temperature of +9°C upwards.
- The distance between the insulation board surface and the scaffolding cannot make the floating of the plaster difficult.
- Hanging scaffolding are not recommended because of the risk of mechanical damage.
- If thermal insulation work is done in mild winters, it is indispensable to protect the scaffolding. If, however, a drop in temperature below +9°C has been forecasted for 3 consecutive days, coloured mineral plasters should not be applied.
- In the case of **Ceresit Ceretherm Winter System** at each layer application, there must not be any frost, ice or snow.
- Working with **Ceresit Ceretherm Winter System** allows for outside temperatures from 0 to +20°C and a relative air humidity level below 80%. During insulation applications it is absolutely necessary to use protective scaffolding shields. 8 hours after application the materials of **Ceresit Ceretherm Winter System** are resistant to temperature drop to the level of -5°C. If for next three days the temperature is forecasted to drop even more, the application should not be continued.
- Flashings should protrude by a minimum of 40 mm from the plaster end face and be protected efficiently from rainfall.
- While applying the plaster on one surface, work should not be interrupted and proceed on neighbouring scaffolding levels – provided that the same amount of water is dosed.
- The natural fillers contained in the plaster may cause differences in the plaster appearance. Therefore, it is necessary to use only material with the same production batch number on one surface (the batch number is indicated on every package).
- After application, the plaster should be protected against rain (scaffolding protection) for at least 1 day – colourful mineral plasters for at least 3 days. This applies to a temperature of +20°C and relative air humidity of 60%. In less favourable conditions, slower setting of the plaster must be taken into account.