



general guidelines

The following installation guidelines and examples are designed to use for an accepted standard. The installation location has to be adapted to the location conditions from the planner. Consider the common known technical rules and guidelines which are accepted among experts.

general installation instructions

1. Althon FA façade slot channels are intended for rapid and controlled discharge of façade-water, an additional drainage of the adjacent ground cover cannot be done.
2. Althon FA façade slot channels are usually set up on a waterproof membrane and the finished house wall (plaster, wood, glass, metal façade, ...) and then fixed with gravel or punctually with mortar or adhesive. It is important to comply with the standardized sealing-heights for the waterproof membrane.
3. In addition, branch canals can be used with perforated channels to the gully/sewer. In closed channels the facade surface is drained controlled and fed to the drain system.
4. The joints between the individual channel bodies can be sealed or bonded with suitable sealants – material description and quantity-determination see Althon sealing system. There must be a proper and professional structural attachment joint (sealing tape e.g. compression-tape and silicone, ...) be produced between the slot channel and the facade in order to prevent water running behind the channel.
5. After setting the channels but at the latest before manufacturing of the adjacent floor ceiling, construction-time-barriers have to be inserted to protect against dirt and damage of the slot channels.
6. All adjacent cover layers should extend permanently 3-5 mm higher than the surface of the groove to ensure water drainage.
7. In areas where enhanced chemical attacks (eg de-icing agents, acids, bases, etc.) are to be expected, we recommend to install channels made out of stainless steel (eg 1.4571 - V4A).
8. The installation guidelines apply analogously for branch channels and maintenance units.

