



DRAINING OF BRICKWORK

THROUGH SAWING PROCESS

STONE

PRINZ DRAINING OF BRICKWORK THROUGH SAWING PROCESS

MOISTURE IN BUILDING WALLS CAN BE TRACED BACK TO A NUMBER OF CAUSES:

- Direct effect of water due to defective roofs, down spouts, water pipes or splashed water.
- Formation and accumulation of condensation as a result of improper ventilation or faulty construction.
- Capillary moisture in wall due to missing or faulty waterproofing. This requires particularly careful treatment.

Draining of brickwork by means of the sawing process is gaining importance in the building sanitation industry. Here one can achieve a 100% sealing effect against moisture, provided that the work is done professionally and conscientiously.

OVERVIEW OF WORK:

1. Remove connections or other hindrances. Release construction joint in brick wall.



2. Sectional removal of the wall work with PRINZ chainsaw PMS 60, PMS 25 or EED 3.5 for brick walls similarly removal with PRINZ diamond rope saw PDSS 500 for rubble stone or mixed walls. Thus, the length of cut of up to 1,00 m is suited to the constructional and static conditions present.

3. Introduction of a capillary waterproof blocking layer made of glass fibre reinforced plastic plates (thickness 1,2 and / or 1,8 mm), or HD-polyethylene plates (thickness 1,5 and / or 2,0 mm) including plaster residue. Overlapping of the plate size minimum 10 cm.



Finally fastening the cut joint with static load bearing plastic wedge plates, at a distance of maximum 25 cm over the entire wall cross section (load bearing capacity minimum 500 kp/cm²).

4. Filling of mortar on all sides of the cut joint and installation of pipe connections between the wedges with final positive compaction of hollow area with the PRINZ concrete injection pump BSP 50 or BSP 100, containing contraction-free, hardening mortar that is sulphate resistant.



