

Abstract

Roof Water Inlet

A water collection trough (3) has an edge (3d) arranged in the plane (1a) of a roof (1) and a bottom (3a), arranged with spacing from said edge (3d), with an opening (3b). Said opening (3b) leads to a drainage pipe (2) mounted down at the bottom (3a) of the trough (3). Two parallel plates (4,5) are arranged spaced apart, a lower plate (4) being fixed in the water collection trough (3) and an upper plate (5) being fixed above the edge (3d) of the water collection trough (3). The edge of the upper plate (5) projects beyond the edge (3d) of the water collection trough (3) in such a way that, to form a closed flow in the drainage pipe (2), the water (11) to be led away is accelerated ahead of the edge (3d) of the water collection trough (3) and, after a two-fold deflection of about 90° in each case, ahead of the opening (3b) in the bottom (3a).

(Fig. 1)