CLAIMS

1. A method for producing a profile element for sealing a building joint, comprising the following steps:
a) providing a first film on a conveyor belt,
b) applying a reaction mixture capable of flow on a top side of the first film,
c) connecting a first side edge region of the first film with a second side edge region of the first film to produce an essentially cylindrical profile element, wherein the volume of the reaction mixture capable of flow to be applied is metered in such a manner that it corresponds to the inside volume of the profile element produced, in the reacted state, and wherein the film completely encloses the reaction mixture, and
d) perforating the profile element,
wherein the profile element comprises an elongated connection element and at least two sealing regions, which are positioned on the connection element, on the outer edge, running at a distance from and next to one another in the longitudinal direction of the connection element, and
wherein the profile element is passed to a perforation unit for perforating the connection element of the profile element.

2. The method according to claim 1, furthermore comprising the following steps:
e) allowing the reaction mixture capable of flow to foam,
f) if applicable, shaping the desired profile geometry,
g) venting the profile element, and
h) if applicable, cutting the profile element to the desired length.

3. The method according to claim 1 or 2, furthermore comprising the following steps:
i) making a second film available,
j) connecting the second film, in the form of a loop, with the upper or lower outer side of the first film.

4. The method according to one of the preceding claims, wherein steps c) and j) comprise a connecting process by means of thermal welding.

5. The method according to one of the preceding claims, wherein the first film and/or the second film is/are composed of plastic.

6. The method according to one of the preceding claims, wherein the first film consists of polyethylene and is perforated, if applicable.

7. The method according to one of the preceding claims, wherein the reaction mixture capable of flow is a polyurethane mixture.

8. The method according to claim 7, wherein the polyurethane mixture is an intumescent polyurethane mixture.

9. The method according to one of the preceding claims, wherein the method is a continuous and endless method.

10. An apparatus for producing a profile element, for sealing a building joint, having a casting system for mixing and applying a reaction mixture capable of flow, comprising
a) a first feed apparatus for supplying a first film,
b) if applicable, a roll for perforating the film,
c) at least one conveying means for laying the film flat and conveying it,
d) a shaping shoulder for shaping the first film,
e) a metering system for applying a reaction mixture capable of flow,
f) a first thermal welding system for connecting a first side edge region of the first film with a second side edge region of the first film,
g) a reaction segment for allowing the reaction mixture capable of flow to foam,
h) conveying technology for precise guidance of the film,
i) if applicable, at least one conveyor belt or profile for shaping the desired profile geometry,
j) a perforation unit for venting the profile element,

k) a perforation unit for perforating the connection element, and
l) if applicable, a cutting unit for cutting the profile element to the desired length.

11. The apparatus according to claim 10, furthermore comprising
m) a second feed apparatus for supplying a second film,
n) a shaping shoulder for shaping the second film, and
o) a second thermal welding system for connecting the second film with the upper or lower outer side of the first film.

12. The apparatus according to claim 10 or 11, furthermore comprising p) an unrolling apparatus for applying adhesive tapes to the profile element.

13. The apparatus according to one of claims 10 to 12, wherein the feed apparatus for supplying the first and/or the second film comprises at least one roll.

14. The apparatus according to one of claims 10 to 13, wherein the conveying technology for precise guidance of the film comprises a conveyor belt having guide elements.

15. A profile element produced according to the method according to one of claims 1 to 9 and/or by means of the apparatus according to one of claims 10 to 14.

16. Use of a profile element according to claim 15 for acoustical, smoke-proof and/or fire-proof sealing of connection joints in drywall walls.

17. Use according to claim 16, wherein the profile element is positioned in the upper region of the connection joint and configured for sealing the joint from the outside.