CLAIMS

1. A facade assembly (14) for a building (10), with at least one facade element (16), which may be fastened to a wall or an inter-story ceiling (12) of the building (10) and with at least one fire-protection element (18), which may be mounted between the facade element (16) and the wall or the inter-story ceiling (12), characterized in that the fire-protection element (18) comprises an insulating layer (19) and an intumescent course (32), which contains an intumescent material, passing through the insulating layer (19) at least in portions, in the cross section along the facade element (16), and wherein the intumescent course (32) has a free end (36), which rests on a top side (38) of the insulating layer (19).

2. A facade assembly according to claim 1, characterized in that the insulating layer (19) is a mineral-wool insulating layer.

3. A facade assembly according to claim 1 or 2, characterized in that the intumescent course (32) is disposed approximately centrally in the insulating layer (19).

4. A facade assembly according to one of the preceding claims, characterized in that the intumescent course (32) is fiber-reinforced.

5. A facade assembly according to one of the preceding claims, characterized in that the intumescent course (32) has a web (42), which passes through the insulating layer in the cross section along the facade element (16) and projects at a bottom side (34) of the insulating layer (19).

6. A facade assembly according to one of the preceding claims, characterized in that the intumescent course (32) has a T-shaped cross-sectional profile.

7. A facade assembly according to one of claims 1 to 5, characterized in that the intumescent course (32) has a cross-shaped cross-sectional profile.

8. A facade assembly according to claim 7, characterized in that a part (44) of the cross-shaped cross-sectional profile of the intumescent course (32) running in transverse direction relative to the facade element (16) is disposed approximately centrally in the insulating layer (19).

9. A facade assembly according to one of claims 1 to 4, characterized in that the intumescent course (32) comprises a web (42), which passes through the insulating layer (19) in the cross section along the facade element (16) and an end portion (46), which emerges from the insulating layer (19) and rests on a bottom side (34) of the insulating layer.

10. A facade assembly according to claim 9, characterized in that the end portion (46) of the intumescent course (32) extends in the direction of the facade element (16).

11. A facade assembly according to claim 9 or 10, characterized in that the end portion (46) of the intumescent course (32) has a free end (48), which is disposed between the insulating layer (19) and the facade element (16).

12. A facade assembly according to claim 9 or 10, characterized in that the end portion (46) of the intumescent course (32) has a free end (48), which is disposed directly on the facade element (16) and extends away from the insulating layer (19).

13. A building structure using the facade assembly according to one of claims 1 to 12, wherein the building structure comprises at least one wall and/or an inter-story ceiling (12) and at least one facade element (16), which is fastened to the wall or inter-story ceiling (12) of the building (10), wherein a joint (20) is formed between the facade element (16) and the wall or inter-story ceiling (12), and comprises at least one fire-protection element (18), which is mounted in the region of the joint (20) between the facade element (16) and the wall or the inter-story ceiling (12), characterized in that the fire-protection element (18) comprises an insulating layer (19) and an intumescent course (32), which contains an intumescent material, running

through the insulating layer (19) at least in portions, in the cross section along the facade element (16).

14. A method for mounting a facade assembly (14) for a building (10) according to one of claims 1 to 12, with at least one facade element (16), which is fastened to a wall or an inter-story ceiling (12) of the building (10) and with at least one fire-protection element (18), which is mounted between the facade element (16) and the wall or the inter-story ceiling (12), wherein the fire-protection element (18) has at least one two-part insulating layer (19) and an intumescent course (32), which contains an intumescent material, with the following steps:
    - attachment of the facade element (16) to the wall or the inter-story ceiling (12) of the building, wherein a joint (20) is formed between the facade element (16) and the wall or the inter-story ceiling (12),
    - attachment of the fire-protection element (18) to the facade element (16) and/or to the wall or the inter-story ceiling (12) of the building in the region of the joint (20), so that the insulating layer (19) directly adjoins the facade element (16) at least partly and the intumescent course (32) passes through the insulating layer (19) at least in portions, in the cross section along the facade element (16), wherein a first part of the insulating layer is optionally fastened directly to the facade element (16) or to the inter-story ceiling (12) or wall, the intumescent course (32) is inserted and fastened to the first part of the insulating layer (19), and then the second part of the insulating layer is introduced into the joint (20) and optionally fastened to the facade element (16) or the inter-story ceiling (12) or wall.

15. A method according to claim 14, characterized in that the insulating layer (19) is provided with slits running along the facade element and passing through the insulating layer, and the intumescent course (32) is inserted into the slits.