

CLAIMS

1. A facade assembly for a vehicle parking structure comprising:
 - a facade panel arranged to form part of an exterior of the structure;
 - 5 at least one support member extending inwardly of the panel and into the structure in use for connection with a floor of the structure; the support member being arranged to include one or more attachments.
2. A facade assembly as defined in claim 1, wherein the one or more attachments is in the form of a wheel stop extending upwardly from the support member.
- 10 3. A facade assembly as defined in claim 1 or 2 wherein one of the attachments is in the form of a crash barrier extending upwardly from the support member.
4. A facade assembly as defined in any one of the preceding claims, wherein the one or more attachments is integrally formed with the support member or fixed to the support member by welding or mechanical fasteners.
- 15 5. A facade assembly as defined in any one of the preceding claims, wherein the facade panel is fixed to at least one floor of the structure.
6. A facade assembly as defined in claim 5, wherein the support member is arranged to overlay the at least one floor of the structure.
7. A facade assembly as defined in either 5 or 6, wherein the support member is
20 arranged to project beyond an end of the floor of the structure
8. A facade assembly as defined in any 7, further comprising a connection member integrally formed with, or connected to a distal end of the support member.
9. A facade assembly as defined in claim 8, wherein the connection member is arranged to be cast into the at least one floor of the structure.
- 25 10. A facade assembly as defined in claim 8 or 9, wherein the connection member is bolted or removably fixed to the support member.
11. A facade assembly as defined in any of the preceding claims, the facade panel having opposing inner and outer faces, and in use top and bottom edges.
- 30 12. A facade assembly as defined in any one of claims 1 – 10, the facade panel comprising a facade framework configured for support of an interior panel.

13. A facade assembly as defined in any one of the preceding claims, further comprising a facade connection means located at a top or bottom edge of the facade panel to connect the panel to a like facade panel.
- 5 14. A facade assembly as defined in any one of the preceding claims, wherein the facade panel is composed of material(s) sufficiently strong to withstand a vehicle colliding with the facade.
15. The facade assembly as defined in any one of the preceding claims, wherein the facade panel is composed of structural steel.
- 10 16. The facade assembly as defined in any one of the preceding claims, wherein the facade panels include ventilation openings.
17. The facade assembly as defined in any one of the preceding claims, wherein the facade panel is in the form of slatted, latticed or perforated steel.
18. The facade assembly as defined in any one of the preceding claims, wherein the facade panel is decorative.
- 15 19. The facade assembly as defined in any preceding claim, further comprising at least one infill member arranged to be supported on the at least one support member and span between the at least one support member and an adjacent support member mounted to the structure.
- 20 20. The facade assembly as defined in any one of the preceding claims, wherein the facade panel is configured to act as a fall prevention system during construction of the structure and the permanent facade of the structure.
- 25 21. A modular facade system for a vehicle parking structure comprising a plurality of facade assemblies according to any preceding claim, wherein the facade assemblies are arranged in side by side arrangement to form at least part of the external facade of the structure, the respective support members of the assemblies extending inwardly of the external facade and being connected to one or more floors of the structure.
- 30 22. A modular facade system as defined in claim 21, wherein the vehicle parking structure is multi storey and the facade assemblies are arranged to be disposed in both side by side and one on top of another to form at least part of the external facade of the multi-storey parking structure.

23. A vehicle parking structure comprising one or more floors and an exterior facade formed at least in part by a modular facade system according to either claim 21 or 22.
- 5 24. A method of erecting a vehicle parking structure comprising at least one floor, the method comprising using a modular facade system according to either claim 21 or 22, to form at least part of the external facade with the support members being connected to the at least one floor.
25. A method as defined in claim 24, wherein the modular facade system is installed after forming the one or more floors of the structure.
- 10 26. A method as defined in claim 24, wherein the modular facade system is erected before forming the more or more floors of the structure.
27. A method as defined in claim 26, wherein at least a portion of the modular facade system is cast into the floor.