Claims

1. A route (1) for vehicles driving on a surface of the route (1), in particular for road automobiles, wherein:

   - the route (1) comprises a plurality of shaped blocks (304) adapted to position and/or to hold a plurality of line sections (310) of one or more electric lines (507, 508, 509),

   - each shaped block comprises recesses (315, 316, 317) forming spaces and/or projections (319) delimiting spaces for receiving at least one of the line sections (310),

   - the electric line or lines (507, 508, 509) extend(s) through the spaces,

   - the electric line or lines (507, 508, 509) extend(s) along the surface of the route (1) in and/or about the travelling direction of vehicles which are driving on the route (1),

   - the shaped blocks (304) and the electric line or lines (507, 508, 509) are supported by a base layer (31) of the route (1),

   - the shaped blocks (304) and the electric line or lines (507, 508, 509) are covered by a cover layer (35) of the route (1),

   <u>characterized in that</u>

   - the material of the cover layer (35) is also located in regions of the route sideways of the shaped blocks (304) so that the shaped blocks (304) and the cover layer (35) form an integrated layer on top of the base layer (31).

2. The route of the preceding claim, wherein an intermediate layer (33) is located between the base layer (31) and the integrated layer (304, 35), the intermediate layer (33) decoupling the integrated layer and the base layer (31) from each other~~, in particular~~ for decoupling vibrations and/or relative movement due to different thermal expansion/contraction.

3. The route of one of the preceding claims, wherein the material of the cover layer (35) fills gaps between the line sections (37) and surfaces of the spaces which are formed by the recesses (315, 316, 317) and/or which are delimited by the projections (319).

4. The route of one of the preceding claims, wherein the same type of material is used for the shaped blocks (304) and for the cover layer (35).

5. The route of one of the preceding claims, wherein the boundary surface of the shaped blocks (304) towards the cover layer (35) has been cleaned from foreign material and/or has partly been removed before the material of the cover layer (35) has been placed next to the shaped blocks (304) to form the integrated layer.

6. The route of one of the preceding claims, wherein the route (1) comprises first protrusions (294), which protrude from the surface of at least one of the shaped blocks (304), and wherein the first protrusions (294) are fully embedded in the material of the cover layer (35).

7. The route of one of the preceding claims, wherein the route (1) comprises second protrusions (291), which protrude from the surface of at least one of the shaped blocks (304) into a pocket (290) of a neighbouring shaped block (304).

8. The route of one of the preceding claims, wherein a magnetic core material (39) is integrated in the integrated layer.

9. The route of the preceding claim, wherein the magnetic core material (39) is placed within a core space formed by recesses (95) and/or delimited by projections of the shaped block (304).

10. The route of the preceding claim, wherein the core space extends in the driving direction of vehicles driving on the route (1).

11. The route of one of the preceding claims, wherein a shielding layer (20) of electrically conducting material is placed below the shaped blocks (304).

12. A method of building a route (1) for vehicles driving on a surface of the route (1), in particular for road automobiles, wherein the following steps are performed:

    - providing a base layer (31) of the route (1) for supporting shaped blocks (304) and an electric line or electric lines (507, 508, 509),

    - providing a plurality of shaped blocks (304) for positioning and /or holding a plurality of line sections (310) of one or more electric lines (507, 508, 509), wherein each

shaped block (304) comprises recesses (315, 316, 317) forming spaces and/or comprises projections (319) delimiting spaces for receiving at least one of the line sections (310),

- laying the electric line or lines (507, 508, 509) so that it/they extend(s) through the spaces and so that it/they extend(s) along the surface of the route (1) in and/or about the travelling direction of vehicles which are driving on the route (1),

- covering the shaped blocks (304) and the electric line or lines (507, 508, 509) by a cover layer (35) of the route (1),

characterized by

- placing material of the cover layer (35) also in regions of the route sideways of the shaped blocks so that the shaped blocks (304) and the cover layer (35) form an integrated layer on top of the base layer.

13. The method of the preceding claim, wherein an intermediate layer (33) is placed between the base layer (31) and the integrated layer (304, 35), the intermediate layer (33) decoupling the integrated layer and the base layer (35) from each other~~, in particular~~ for decoupling vibrations and/or relative movement due to different thermal expansion/contraction/contraction.

14. The method of one of the preceding claims, wherein gaps between the line sections (37) and surfaces of the spaces, which are formed by the recesses (315, 316, 317) and/or which are delimited by the projections (319), are filled by the material of the cover layer (35).

15. The method of one of the three preceding claims, wherein the same type of material is used for the shaped blocks (304) and for the cover layer (35).

16. The method of one of the four preceding claims, wherein the boundary surface of the shaped blocks (304) towards the cover layer (35) is cleaned from foreign material and/or is partly removed before the material of the cover layer (35) is placed next to the shaped blocks (304) in order to form the integrated layer.

17. The method of one of the preceding claims, wherein first protrusions (294) are provided, which protrude from the surface of at least one of the shaped blocks (304), and

wherein the first protrusions (294) are fully enclosed by the material of the cover layer (35).

18. The method of one of the preceding claims, wherein second protrusions (291) are provided so that they protrude from the surface of at least one of the shaped blocks (304) into a pocket (290) of a neighbouring shaped block (304).

19. The method of the preceding claim, wherein the second protrusions (291) are fixed within the respective pocket (290) of a neighbouring shaped block (304) before the cover layer (35) is placed on the shaped blocks (304) and the electric line or lines (507, 508, 509).

20. The method of one of the eight preceding claims, wherein a magnetic core material (39) is integrated in the integrated layer.

21. The method of the preceding claim, wherein the magnetic core material (39) is placed within a core space formed by recesses (95) and/or delimited by projections of the shaped block (304).

22. The method of the preceding claim, wherein the core space extends in the driving direction of vehicles driving on the route (1).

23. The method of one of the eleven preceding claims, wherein a shielding layer (20) of electrically conducting material is placed below the shaped blocks (304).