CLAIMS

1. An expansion joint having an upper (**2**) and lower (**3**) portion, characterized in that the upper portion provides a dividing member (**4**) and in that the lower portion comprises a vertically oriented corrugated plate (**5**).

2. The expansion joint according to claim 1, wherein the dividing member in the upper portion is either a vertically oriented straight plate, such as for example an L-profile, or a vertically oriented corrugated plate.

3. An expansion joint according to claim 1 having an upper (**2**) and lower (**3**) portion each comprising a vertically oriented corrugated plate (**4**, **5**), characterized in that the corrugated plates of the upper (**4**) and lower (**5**) portion are out of phase to one another.

4. The expansion joint according to claim 3, wherein the corrugation of the upper and lower plates is the same.

5. The expansion joint according to any one of claims 1 to 4, wherein the corrugation consists of a waveform.

6. The expansion joint according to any one of claims 3 to 5, wherein the upper and lower corrugated plates (**4**, **5**) are in substantially the same lateral plane.

7. The expansion joint according to any one of claims 3 to 6 wherein the corrugated plates of the upper (**4**)

and lower (**5**) portion are in antiphase.

8. The expansion joint according to any one of claims 1 to 7, wherein the upper (**4**) dividing member and lower (**5**) corrugated plate are secured to one another.

9. The expansion joint according to claim 8, wherein the corrugated plates are secured to one another through a binding member (**8**).

10. The expansion joint according to any one of claims 3 to 9, wherein the upper portion (**2**) further comprises a second dividing member, such as a vertically oriented corrugated plate (**6**) that fits within the undulations (**11**) of the vertically oriented corrugated plate (**4**) of the upper portion.

11. The expansion joint according to claim 10, wherein said corrugated plates (**4**, **6**) are provisionally connected to one another.

12. The expansion joint according to any one of claims 1 to 11, wherein the lower portion (**3**) further comprises a second vertically oriented corrugated plate (**17**) that fits within the undulations (**11**) of the vertically oriented corrugated plate (**5**) of the lower portion.

13. The expansion joint according to claim 12, wherein said second corrugated plate (**17**) of the lower portion is in substantially the same lateral plane as the second corrugated plate (**6**) of the upper portion.

14. The expansion joint according to claim 12 wherein the second corrugated plates of the upper (**6**) and lower

(**17**) portion are in antiphase.

15. The expansion joint according to any one of claims 10 to 14, wherein the second upper (**6**) and lower (**17**) corrugated plates are secured to one another.

16. The expansion joint according to claim 15, wherein the second corrugated plates are secured to one another through a binding member (**8**).

17. The expansion joint according to any one of claims 1 to 16, wherein the dividing members (**4, 6**) and the corrugated plates (**5, 17**) are formed of a substantially rigid material; in particular a metallic material; more in particular steel.

18. The expansion joint according to any one of claims 1 to 17, wherein the dividing members of the upper portion, such as the corrugated plates (**4, 6**), are formed of a more wear resistant material when compared to the corrugated plates (**5, 17**) of the lower portion.

19. The expansion joint according to any one of claims 12 to 18, further comprises a drop plate (**18**) that fits in between the corrugated plates of the lower portion.

20. The expansion joint according to nay one of claims 1 to 19, further comprising anchoring dowels (**7**); in particular a continuous bridging dowel (**7**), connected at regular intervals (**19**) to an upper and lower portion of the side faces of the expansion joint and characterized in that it longitudinally extends and

meanders over the full length of the expansion joint.

CLAIMS

1. An expansion joint having an upper (2) and lower (3) portion, characterized in that the upper portion provides a dividing member (4) and in that the lower portion comprises a vertically oriented corrugated plate (5), wherein the vertical orientation of the corrugated plate is vertical with respect to the floor surface and further characterized in that the lower portion (3) further comprises a second vertically oriented corrugated plate (17) that fits within undulations (11) of the vertically oriented corrugated plate (5) of the lower portion; and further comprising a drop plate (18) that fits in between the corrugated plates of the lower portion.
2. The expansion joint according to claim 1, wherein the dividing member in the upper portion is either a vertically oriented straight plate, such as for example an L-profile, or a vertically oriented corrugated plate.
3. An expansion joint according to claim 1 having an upper (2) and lower (3) portion each comprising a vertically oriented corrugated plate (4, 5) , characterized in that the corrugated plates of the upper (4) and lower (5) portion are out of phase to one another.
4. The expansion joint according to claim 3, wherein the corrugation of the upper and lower plates is the same.

5. The expansion joint according to any one of claims 1 to 4, wherein the corrugation consists of a waveform.
6. The expansion joint according to any one of claims 3 to 5, wherein the upper and lower corrugated plates (4, 5) are in substantially the same lateral plane.
7. The expansion joint according to any one of claims 3 to 6 wherein the corrugated plates of the upper (4) and lower (5) portion are in antiphase.
8. The expansion joint according to any one of claims 1 to 7, wherein the upper (4) dividing member and lower (5) corrugated plate are secured to one another.
9. The expansion joint according to claim 8, wherein the corrugated plates are secured to one another through a binding member (8).
10. The expansion joint according to any one of claims 3 to 9, wherein the upper portion (2) further comprises a second dividing member, such as a vertically oriented corrugated plate (6) that fits within the undulations (11) of the vertically oriented corrugated plate (4) of the upper portion.
11. The expansion joint according to claim 10, wherein said corrugated plates (4, 6) are provisionally connected to one another.

12. The expansion joint according to claim 1, wherein said second corrugated plate (17) of the lower portion is in substantially the same lateral plane as the second corrugated plate (6) of the upper portion.

13. The expansion joint according to claim 10 wherein the second corrugated plates of the upper (6) and lower (17) portion are in antiphase.

14. The expansion joint according to any one of claims 10 to 13, wherein the second upper (6) and lower (17) corrugated plates are secured to one another.

15. The expansion joint according to claim 14, wherein the second corrugated plates are secured to one another through a binding member (8).

16. The expansion joint according to any one of claims 1 to 15, wherein the dividing members (4, 6) and the corrugated plates (5, 17) are formed of a substantially rigid material; in particular a metallic material; more in particular steel.

17. The expansion joint according to any one of claims 1 to 16, wherein the dividing members of the upper portion, such as the corrugated plates (4, 6), are formed of a more wear resistant material when compared to the corrugated plates (5, 17) of the lower portion.

18. The expansion joint according to any one of claims 1 to 17, further comprising anchoring dowels (7); in

particular a continuous bridging dowel (7), connected at regular intervals (19) to an upper and lower portion of the side faces of the expansion joint and characterized in that it longitudinally extends and meanders over the full length of the expansion joint.