

Claims

- 5 1. Edge profile (10) forming part of a suspended ceiling substructure (1) comprising a plurality of support profiles (20) arranged suspended from a raw ceiling of a building structure and a plurality of base profiles (30), each of which being attached to at least one of the plurality of support profiles (20),
- 10 the edge profile (10) having a U-shaped cross-section comprising a base portion (11) capable of being fixed to a wall structure, a first leg portion (12) and a second leg portion (13), the first leg portion (12) having an outer section (122) and an inner section (121), wherein the outer section (122) is arranged offset towards the inner section (121) and relative to the second leg portion (13).
- 15 2. Edge profile (10) according to claim 1, wherein the outer section (122) of the first leg portion (12) is parallel to the second leg portion (13).
3. Edge profile (10) according to claim 2, wherein the outer section (122) and the second leg portion (13) are arranged parallel in a distance of 30 mm to 50 mm.
- 20 4. Edge profile (10) according any one of the proceeding claims, wherein the inner section (121) of the first leg portion (12) has a length which is shorter than the length of the outer section (122).
- 25 5. Edge profile (10) according any one of the proceeding claims, wherein the inner section (121) has a length of 15 mm to 25 mm, and the outer section (122) has a length of 25 mm to 35 mm.

6. Edge profile (10) according any one of the proceeding claims, wherein the second leg portion (13) comprises an abutment edge (131) extending inwardly towards the first leg portion (12).
- 5 7. Edge profile (10) according any one of the proceeding claims, wherein the abutment edge (131) is arranged in a distance from the base portion (11) which corresponds to the length of the inner section (121) of the first leg portion (12).
- 10 8. Securing clip (23) for securing a support profile (20) suspended from a raw ceiling by a hanger (21) to the support profile (20), wherein the securing clip (23) has a first (231) and a second leg portion (232) arranged in an L-shape, the first leg portion (231) being longer than the second leg portion (232), and comprising a slot (233) open to one small end of the first leg portion (231) to slidably fix the securing clip (23) over the support profile (20) by arranging the hanger (21) in the slot (233).
- 15 9. Securing clip (23) according to claim 8, wherein the clip can be fastened to the support profile (20) by a securing means (24), the securing means especially being a screw, a pin or a rivet.
- 20 10. Suspended ceiling substructure (1) comprising a plurality of support profiles (20) to be arranged suspended from a raw ceiling of a building structure and a plurality of base profiles (30), each of which being attached to at least one of the plurality of support profiles (20), wherein the suspended ceiling substructure (1) further comprises at least one edge profile (10) according to any one of the claims 1 to 7.
- 25 11. Suspended ceiling substructure (1) according to claim 10, wherein the inner section (121) and the outer section (122) of the first leg portion (12) of the edge profile (10) are arranged parallel having an offset distance which corresponds to the distance between a lower surface of the plurality of support profiles (20) and a lower surface of the plurality of attached base profiles (30).
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12. Suspended ceiling substructure (1) according to claim 10 or 11, wherein each support profile (20) comprises at least one hanger (21) for arranging the support profile (20) at a raw ceiling of a building structure.
- 5 13. Suspended ceiling substructure (1) according to any one of the claims 11 to 13, comprising at least one further edge profile (40) having an L-shaped cross section.
- 10 14. Drywall ceiling comprising a suspended ceiling substructure (1) according to any one of claims 11 to 13 and at least one layer of building boards (2), in particular gypsum plasterboards, gypsum fiberboards, cement boards, vermiculite boards, silicate boards, and magnesium oxide boards attached to the base profiles (30).
- 15 15. Drywall ceiling according to claim 12, comprising one layer of building boards (2) attached to the base profiles (30) and at least one further edge profile (40) having an L-shaped cross section, wherein a portion of the further edge profile (40) is arranged between the building boards (2) and the base profiles (30).
- 20 16. Drywall ceiling according to claim 15, comprising at least two layers of building boards (2) attached to the base profiles (30) and at least one further edge profile (40) having an L-shaped cross section, wherein a portion of the further edge profile (40) is arranged between individual layers of building boards of the two layers of building boards (2).
- 25 17. Drywall ceiling according to any one of claims 14 to 16, further comprising a securing clip (23) fixing the hanger to the support profile (20).
- 30 18. Set for earthquake-proof construction of a drywall ceiling, comprising at least an edge profile (10) according to any one of claims 1 to 7 and at least one securing clip (23) according to claims 8 or 9.