

DSCP / DSCPL / DSCXL
Installation in plasterboard ceilings

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WORKING STEPS

Tools / auxiliary means



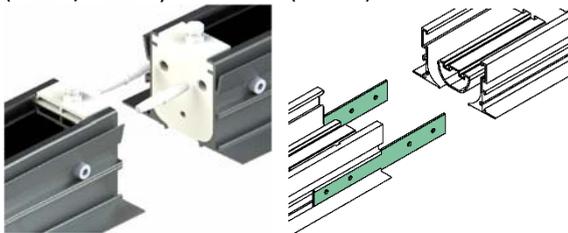
- 1.) Determine the cut-out (auxiliary means: ceiling cut-out template).



2. Cut out the plasterboard ceiling



3. In case of band design, connect the diffusers together.
 with connecting pins (DSCP / DSCPL) with fishplates (DSCXL)



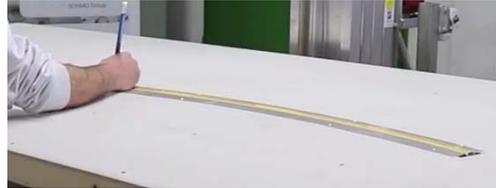
4. Cover the slots.



5. Insert the diffuser into the cut-out.



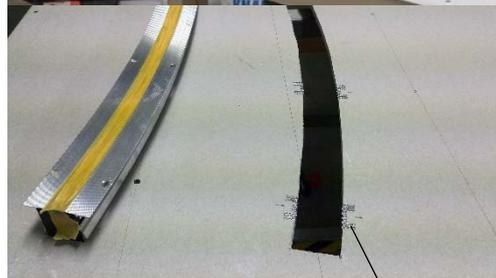
6. Mark the position of the holes for the screw mounting.



7. Remove the diffuser from the ceiling.



8. Mount the mounting brackets at the marked positions on the plasterboard ceiling.

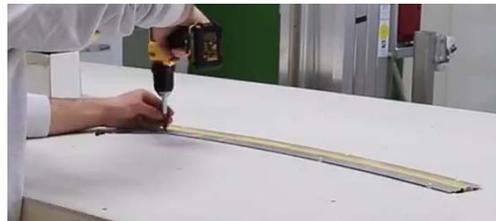


Mounting bracket

9. Reinsert the diffuser into the cut-out.



10. Insert the screws and screw them to the mounting brackets.



11. Apply the quartz base



12. Mix the filling compound and apply it



13. Incorporate the fabric tape



14. Cut the overhanging fabric tape.

15. First drying phase

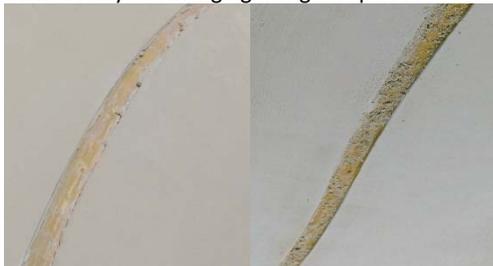
16. Mix the filling compound again and apply it

17. Second drying phase

18. Sand off the filling compound



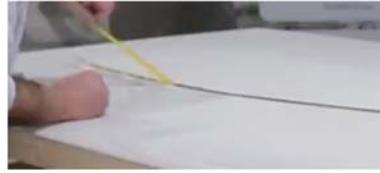
19. Remove any overhanging filling compound



20. Clean from any dust particles

21. Depending on the required quality, repeat steps 16 to 18.

22. Remove the adhesive tape



23. Cover the slot again



24. First coat of paint – let dry

25. Second coat of paint – let dry



26. Last work step - Remove the adhesive



See video on YouTube:

<https://www.youtube.com/jcFsmPI0D18>

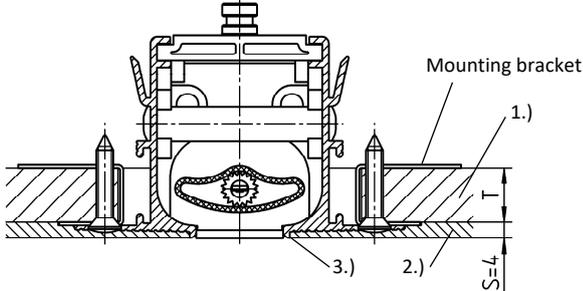


ASSEMBLY DETAIL

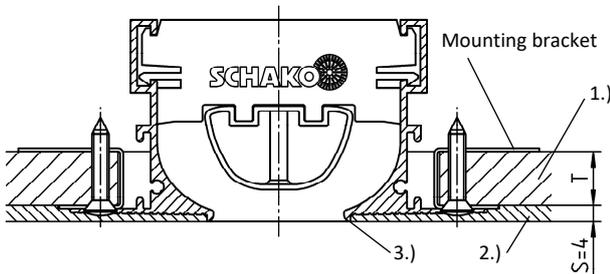
With mounting bracket:

For fastening with screw mounting (-SM, standard)

DSCP / DSCPL



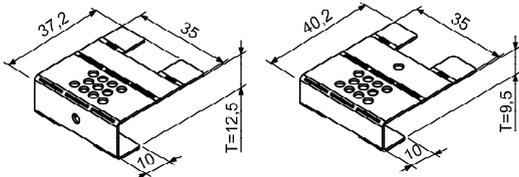
DSCXL



Number of mounting brackets (mounting help)

- 4 Mounting brackets: L / DL / BoL = ≤500
- 6 Mounting brackets: L / DL / BoL = >500 to ≤750
- 8 Mounting brackets: L / DL / BoL = >750 to ≤1000
- 10 Mounting brackets: L / DL / BoL = >1000 to ≤1500

Mounting bracket:

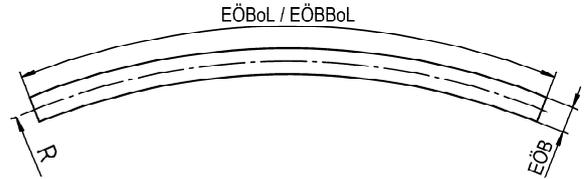


The mounting bracket is supplied loose and unbent. It will then be canted on site in order to fit the required ceiling depth. The single bore serves here as a marking for the ceiling depth T=12.5.

Plasterboard ceiling

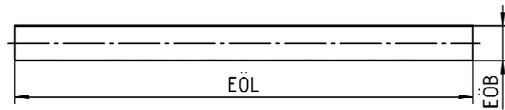
T = 9.5 mm / 12.5 mm (standard) / can be freely selected.

DSCP



$EÖBoL = BL+5$ / $EÖBBoL = BBoL+5$

DSCPL / DSCXL



$EÖL = L+5$ / $BL+5$

For models with screw mounting, mounting brackets (mounting help) are supplied loose. The quantity depends on the length (L) or the curved length (BoL).

Filling

In case of fastening with screw mounting (-SM): S = 4 mm
 In case of fastening with clamp strap (-SM): S = 3 mm

- 1.) Plasterboard ceiling
- 2.) Multiple filling on site (depending on quality level)
- 3.) Special plastering edge for elegant filling

- EÖB = installation opening width
- EÖL = installation opening length
- L = Length
- BL = Band length
- DL = Difference in length
- BoL = curved length of diffuser
- BBoL = curved length of diffuser, band design
- EÖBoL = Curved length of the installation opening ($EÖBoL = BoL + 5$)
- EÖBBoL = curved length of installation opening, band design ($EÖBBoL = BBoL + 5$)
- T = Ceiling depth