

Installation Instruction

for hard PVC edge profile EL3,5

made of plastic, for neat wall connections where floor coverings are raised against the wall

1. General notes

In addition to these laying instructions for the above-mentioned edge profiles, the DIN 18365 specifications under "Floor covering work" are applicable in particular, including the pertinent comments and explanations and also the supplementary updated fact sheets "Substrate assessment and preparation – Laying elastic and textile floor coverings, laminates, parquet and wood block paving – heated and unheated floor construction", released by the Bundesverband Estrich und Belag e.V. (BEB) as well as the TKB fact sheet No. 8, "Assessment and Preparation of Substrates for Floor covering and Parquet work", published by the Technical Commission Building Adhesives (TKB) as amended. The accepted rules of the trade / technology must furthermore be heeded as well as the recommendations for application by the specific flooring manufacturers. The type of substrate, intended use and local conditions must, in particular, be considered during profile selection and installation.

2. Installation tools

Cutting the edge profiles to size

Use the Döllken skirting board shear to cut the profile to suit the length of wall. The profiles may furthermore be cut off with a saw such as an electric crosscut or mitre saw.

3. Installation options

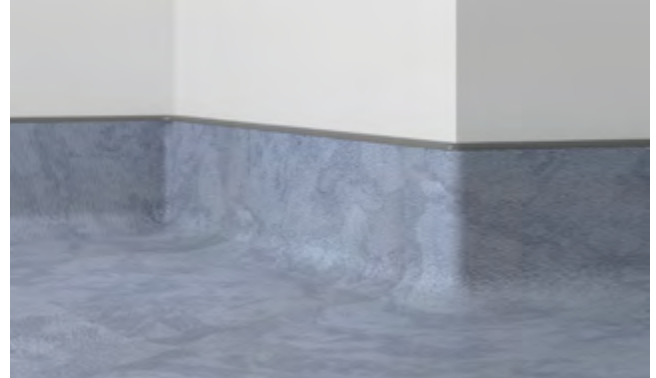
Gluing

For the Döllken EL3,5 edge profile, we recommend using a fast hardening adhesive for profile strips (cartridge adhesive). Contact adhesives are also suitable, heeding the application instructions of the specific manufacturer.

The following installation adhesives are currently recommended by the manufacturers:

- Uzin GN 222.
- Mapei Adesilex LP

The glued surfaces must be dry, clean and free of grease. Loose wall substrates such as wall paper, paint or the like are not suited for adhesion of chamfered profiles. Chamfered profiles should also not be glued to wall coatings. Be sure to always follow the manufacturers' latest gluing recommendations and laying instructions before installation.



Nailing

The skirtings may also be fastened using staggered, galvanized steel nails. Select the length of the nails to suit the substrate for a firm and lasting fit. Under no circumstances should the pitch of the nails / fasteners exceed 250 mm. The distance between nails and adjacent corners or butt joints should not exceed 50 mm. Use additional nails in case the walls are uneven within permissible tolerances. When fastening with nails / pins, a combination with adhesives is ideally recommended to ensure a firm and lasting fit, considering fluctuating climatic conditions in the room.

Application

Forming the inside and outside corners:

- Place the profile in the Döllken skirting board shear with its back facing down and with the profile top at the correct angle and cut to length.
- The inside corners are mitred, removing ca. 10 mm of the bottom flank, before placing top down in the profile skirting shear and cutting.
- The profile nose is not cut through when forming the outside corners, only the bottom flank is cut through to just under the top. The nose may therefore be bent without creating open mitre cuts. Support the profile with a thin wire or cable (Ø ca. 2.5 – 3 mm) when bending, to prevent it from folding down.
- The profiles are mitred when cutting with a mitre saw.
- Cold welding the profile butt joints is recommended, especially the visible profile top.

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- Note: By dissolving PVC milling chips in the cold welding agent, the latter may be colour-matched.

In case of unfavourable climatic conditions or wall properties, the client / builder should be notified in terms of the duty to inform.

4. Substrate testing prior to fitment

The wall should be tested for suitability for a specific fastening method before fitting the profiles. The same substrate tests as specified for laying of flooring types in DIN 18365 "Flooring work" are applicable. The substrate tests focus on the following in this respect:

- evenness and angularity of the substrate,
- dryness of the substrate,
- adequately firm substrate with no porous or rough surfaces,
- no soiled substrate surfaces, e.g. with oil, wax, lacquers, paint residues etc.,
- suitable substrate temperature,
- suitable room climate,
- no cracks in the substrate

In terms of evenness, the tolerances for flooring apply, as given in DIN 18202 "Tolerances in building construction", Table 3, line 3. Room temperatures should be between 18°C and 23°C. These requirements apply to storage, acclimatisation and installation of the chamfered profiles. The temperatures of the substrate surfaces should be 15°C or higher.

Porous and loose / unstable substrates with rough or flaking surfaces should be primed using suitable primers or filled before fitting the chamfered profiles (follow manufacturer's instructions).

5. In conclusion

All Döllken profiles are subjected to meticulous quality controls. Delivered profiles should be checked immediately after receipt. No complaints relating to deficiencies which were evident before cutting / fitment will be recognised after such cutting / fitment. Should you nevertheless have reasons for complaint, please hand your wholesaler / Döllken employee a preferably 1 m length of skirting, signed on the back and including the packaging label. Please also note the following:

- Acclimatisation: To acclimatise, the profiles must be stored for 24 hours before processing, lying flat on a level surface at temperatures between 18°C and 23°C. Unless properly acclimatised, expansion may cause the profiles to detach from the wall.

Publication of this version shall render all prior versions invalid.

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