

Installation Instructions

for solidcore skirtings S 60 flex life TOP, carpet skirtings TS 60 life TOP, skirtings S 100 life (approx. 100 mm high) and carpet skirtings TS 100 (approx. 100 mm)

1. General Instructions

In addition to these installation instructions, the fitting of the above named solidcore skirting boards is subject, in particular, to the provisions of DIN 18365 "Floor Covering Work" including the relevant comments and explanations as well as additionally the respective current edition of the instructions entitled "Assessing and Preparing Under-Surfaces - Laying Elastic and Textile floor coverings, laminated floorings, parquet and Wood Block - Heated and Unheated Floor Construction", published by Bundesverband Estrich und Belag e.V. (BEB), and the TKB Instruction leaflet no. 8 "Assessing and Preparing Under-Surfaces for Floor Coverings and Parquet work", published by the Technical Commission for Building Adhesives (TKB). Furthermore the recognised trade/technical rules are to be observed. When selecting and installing skirting boards the type of under-surface, the intended use, the cleaning and care and, in particular, on-site conditions must be taken into account.

2. Tools/Installation

Mitre Cutter - quick notching of jointless external and clean internal corners

Edge cutter - for exact cutting of thin Döllken solidcore skirtings

Skirting board scissors (art. 1012 000) - for freehand cutting of profiles

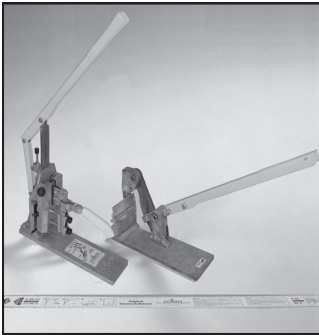


Fig. 1
Mitre tool type 1001 art. No. 1000
Edge cutter art. No. 1001 10

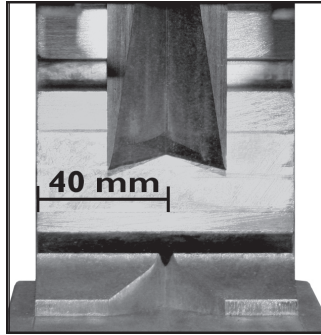


Fig. 2
Measuring the notching point

When laying solidcore skirting boards it is best to start at a door frame and lay until the next corner. You mark the wall with a line approximately 1 m before the punching point, and transfer that line in the same position onto the top of the skirting board. The exact distance to the corner must be determined and measured and marked on the solidcore skirting board. In the case of internal corners this measurement gives the exact punching point. With external corners the thickness of the skirting board (approx. 5 mm) must be added to the determined measurement.

When cutting the solidcore skirting boards it is essential that they are laid tension-free. So when measuring the cored skirting boards a so called "plus tolerance" absolutely must be avoided.

Figure 2 once again clearly shows how to measure the punch point.

The flange behind the clamping device of the tool is 80 cm wide. The notching point is located at the centre of the tool. Now add 40 mm to the notching point marked on the skirting, and make another mark on the upper edge of the skirting board. Place the skirting board in the tool. The last mark must exactly match the right edge of the flange. For this reason it is not necessary to make a mark on the floor slab. Close the clamping device and punch the skirting board. The instructions refer to installation from left to right, but it is possible from both sides. The quality of the profile corners is decisively influenced by the condition of the tool. Please do not sharpen a blunt or damaged blade in your mitre tool yourself. Send the entire tool via your dealer directly to Döllken Weimar. This ensures that the sharpened blade is also adjusted. Döllken solidcore skirting boards can also be cut and pieced together dull-edged (with moulded components) in the conventional manner or bevelled.

Using the measuring template:



This is how easy it is to measure where you need to punch:

The flexible and yellow measuring template is to enable you to punch at exactly the right point. This means: You only have to place the measuring template with "S 60" side to or in the corner, hold it firmly against the skirting board and transfer the mark of the internal or external corner onto the upper edge of the solidcore skirting. Then place the skirting board horizontally in the mitre tool, with the marking at the left hand edge of the flange. Close the clamping device and punch the skirting. The instructions refer to installation from left to right, but it is possible from both sides. In order to avoid later objections we absolutely recommend that you remove the marking from the edge of the skirting boards after installation is complete.

In the case of the carpet skirting boards of the type "TS 60 life TOP" and "TS 100", when strips of floor covering are being bonded into place the back of the respective carpet/covering must be checked to see if it can be bonded using the universal self-adhesive strip, - if necessary UZIN Contact 40 adhesive tape or a similarly suitable adhesive is to be used in addition.

This applies in particular to carpet backing with a fibrous/rough-meshed structure (needle felt, lining, velcro backing and rough fabric). It is recommended that the corners and fitting edges of the covering backings be additionally secured at corners and joints.

The width of the carpet strip for "TS 60 life TOP" is max. 52 mm, and max. 90 mm for "TS 100". Covering backings containing plasticisers or bitumen are not suitable for bonding to the applied adhesive. The carpet skirting board without adhesive strip can be supplied for that purpose.

Many Thanks

Döllken Weimar GmbH, Profile für den Fachmann, Quality Assurance
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3. Mounting Options:

Bonding

For Döllken solidcore skirtings we recommend the Döllken hot melt adhesive system (hot melt gun HKP 220, hot melt adhesive HSK 18/300), which comes with additional instructions. To achieve time-saving and invisible mounting of the skirtings we recommend the UZIN TopTac 35 dry adhesive; please consider the current Uzin laying instructions. In order to be able to secure neat joints even under difficult conditions (e.g. wall irregularities) the ends of the moulding sections must also be secured using steel pins. The skirtings can also be fixed with skirting adhesive.

The following installation adhesives are recommended by the manufacturers:

- Uzin Fondur MK, Uzin GN 222.
- Bostik SuperFix
- Schönox Suoerfix
- MAPEI ULTRABOND ECO 575

The bonding surfaces must be dry, clean and grease-free. Incoherent wall subsurfaces such as wallpaper, paints or the like do not constitute a suitable subsurface for bonding skirting boards. Similarly, solidcore skirting boards must not be bonded to wall coverings. In any case, the current adhesive recommendations and laying instructions must be obtained from the manufacturer prior to installation.

Nailing

The skirtings can also be fixed in the conventional manner using juxtaposed steel nails, which must be zinc plated. In this instance you should choose steel pins with a length appropriate to the subsurface, since a secure, permanent connection must be ensured. A maximum pin/securing distance of 60 cm (S 60 flex life TOP, TS 60 life TOP) or 20 to 25 cm (for the S 100 life and TS 100) absolutely must be adhered to. The maximum pinning distance from corners and joints should be 5 cm. An appropriate number of additional nails are to be used in the event of wall irregularities within the permissible tolerances! When installing with pins/nails, this should ideally be combined with adhesives in order to ensure secure and permanent bonding while taking account of alternating climatic room conditions.

4. Checking the Subsurface before Mounting the Skirting Boards

Before fixing the skirting board the wall must be checked to ensure that it is suitable for the fixing method in question. Subsurfaces containing plasticisers must be checked for suitability for gluing. The same subsurface checks apply as those specified for the laying of floor coverings in DIN 18365 "Floor Covering Work". In this respect the inspection measures carried out on the under-surface are particularly important:

- evenness and rectangularity of the under-surface,
- under-surface with no moisture,
- under-surface sufficiently solid, not porous or rough surface,
- no soiled areas on the under-surface, e.g. due to oil, wax, lacquer, paint residue, etc,
- suitable under-surface temperature,
- suitable room climate,
- no cracks in the subsurface.

In respect of evenness, the tolerances of DIN 18202 "Tolerances in Building Construction", Table 3, Line 3 apply as they do for floor covering work. The climatic conditions of the room for temperatures should not be below 18°C and should not exceed 23°C, with a relative air moisture content of 40% to max. 65%. These requirements apply equally to the storage, acclimatisation and installation of the skirting boards. The surface temperature of the under-surface should not be below 15°C. For the residual moisture of the various under-surfaces for the installation of cored skirting boards the following empirical values apply:

- Plaster < 0.5 %/weight
- Cement mortar < 2.5 %/weight
- Lime mortar < 2.0 %/weight
- Concrete < 3.0 %/weight

Loose/unstable under-surfaces, which have a porous, rough surface or which crumble, must, be primed and, if necessary, filled in (adhere to manufacturer's instructions) before the cored skirting board is mounted.

5. Final Remarks

All Döllken skirting boards are subjected to careful quality control. It is necessary to check skirting boards immediately upon delivery. After boards have been cut/ mounted, any complaints which were recognisably present prior to cutting/ mounting cannot be entertained. Should you nevertheless have reason for a complaint please hand over to your wholesaler/ Döllken staff member a length of skirting board that is preferably 1 m long with lettering on the reverse side of the faulty goods together with the header label of the packaging. In addition, please note the following instructions:

- For mounting the S 60 flex life TOP / S 100: When shaping the outer corner place the board with the soft lip as far onto the floor such that it just touches the covering at indentations. White strain on the outer corners can be removed by rubbing it with an edge (knife handle, hammer peen).
- For mounting the TS 60 life TOP / S 100: When forming the external corner, the roof of the board is supported using a finger. In all instances, knock the carpet strip firmly fixed onto the skirting.
- Acclimatisation: For 48 hours before being processed the board sections must be stored flat on a horizontal surface at a minimum temperature of 18°C and a max. temperature of 23°C and a relative humidity of between min 40% and max. 65% for the purposes of acclimatisation. In the event of insufficient acclimatisation the skirting board section can detach from the wall due to expansion.
- Cleaning and care: For cleaning and care, follow the relevant instructions (obtain online or directly from supplier). Extraneous substances such as, for example, sealants, wall primers, solvents, cleaners containing solvents, etc. must not come into contact with skirting board sections with decorated surfaces, since the latter can suffer damage as a result. Cleaning agents and disinfectants, e.g. containing alcohol and alcohol-like constituents must first be tested on the decorated surface of a printed sample piece. We recommend that you hand over these cleaning and care instructions in good time to the final consumer.

In the event of unfavourable room climate conditions or wall irregularities the client/builder should be notified of any misgivings and notification obligations should be exercised.