

[www.alfer.com](http://www.alfer.com)

**alfer**<sup>®</sup>  
aluminium

# Profiles for parquet, laminate and designer floors



## Overview

<b>clipstech</b> <sup>®</sup> system profiles	4
<b>clipstech</b> <sup>®</sup> colour-coding system	5
<b>clipstech</b> <sup>®</sup> -plus screw system	6
Good reasons to choose <b>clipstech</b> <sup>®</sup> -plus:	6
<b>clipstech</b> <sup>®</sup> -plus support profiles	7
<b>clipstech</b> <sup>®</sup> -plus renovation support profiles	7
<b>clipstech</b> <sup>®</sup> -plus system profiles	8
<b>clipstech</b> <sup>®</sup> -plus – available colours	9
Laying <b>clipstech</b> <sup>®</sup> -plus profiles	10
<b>clipstech</b> <sup>®</sup> -plus heights	12
<b>clipstech</b> <sup>®</sup> -mini <b>NEW</b>	15
<b>clipstech</b> <sup>®</sup> -mini system profiles	16
<b>clipstech</b> <sup>®</sup> -mini – available colours	16
Laying the <b>clipstech</b> <sup>®</sup> -mini profile	17
<b>clipstech</b> <sup>®</sup> -mini heights	18
Good reasons to choose <b>clipstech</b> <sup>®</sup> system profiles	19
<b>alfer</b> <sup>®</sup> -fix universal hole pattern	20
<b>clipstech</b> <sup>®</sup> – available colours	21
<b>clipstech</b> <sup>®</sup> cover strips	22
<b>clipstech</b> <sup>®</sup> level compensator profiles	23

<b>clipstech</b> ® edging profiles	24
<b>clipstech</b> ® wall edging profiles	25
Laying <b>clipstech</b> ® support profiles	26
Laying a <b>clipstech</b> ® edging profile, 27 mm	28
<b>clipstech</b> ® accessories	30
<b>clipstech</b> ® heights	31
<b>clipstech</b> ®-vario plug system	36
Laying a <b>clipstech</b> ®-vario profile	37
<b>clipstech</b> ®-vario heights	38
Useful tips from the professionals	39
What you need for installation	40
Useful application videos	41
Notes – technical diagrams	41
About the <b>alfer</b> ® design family	42
Notes – technical diagrams	43
<b>alfer</b> ® makes you mobile	44
<b>alfer</b> ® hardware range	45
<b>alfer</b> ® building material range	46
<b>alfer</b> ® storage system range	47



**Dear customers,**

Discover our **clipstech**<sup>®</sup> system profiles – for perfect edges and transitions.

Ready-to-install parquet, cork and laminate floors have enjoyed rising popularity for many years. They provide the ideal solution for every taste and requirement. Whether you want the natural warmth and elegance of parquet or cork or prefer laying highly robust laminate in your favourite design: all of these floors have outstanding usage and hygiene properties – and can be laid in an instant. The only real challenge is in creating clean edges and transitions.

With the innovative **alfer clipstech**<sup>®</sup> system profiles, even tricky edge and transition areas can now be quickly and professionally designed. The world's only **clipstech**<sup>®</sup> system is the result of decades of experience in designing aluminium and plastic profiles with a consistent focus on the laws of construction physics. Thanks to practical mounting aids, the highly sophisticated support and decor profiles in the **clipstech**<sup>®</sup> system can be stably and securely attached in a flash – simply by clipping them into place. The result: a perfect and beautiful floor! Make things easy for yourself and benefit from our expertise in the field of profile technology!

## clipstech® colour-coding system

Screw system for high levels of stress

**clipstech®-plus**



Clip system for normal levels of stress

**clipstech®-mini**

**clipstech®**



Plug system for normal levels of stress

**clipstech®-vario**



### For your guidance

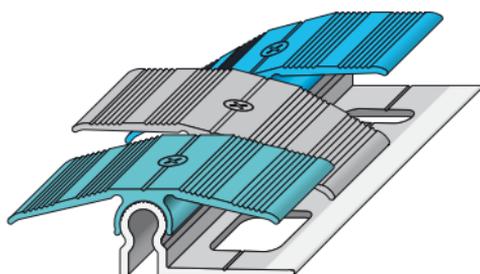
To help you find the right products for your project when you visit a DIY store, we have developed the **clipstech®** colour-coding system for our laminate, parquet and vinyl profile ranges.

## clipstech®-plus screw system

The **clipstech**®-plus screw system comprising aluminium support profiles and strengthened decorative profiles made from anodised aluminium is a highly stable unit and has been specially designed for high loads.

Clips plus screws = optimum stability!

**clipstech**®-plus profiles act like seesaws – if one profile leaf rises, the other drops. One leaf can also be adjusted further upwards – for maximum flexibility.



### Good reasons to choose clipstech®-plus:

- Quick and simple decor profile installation thanks to the practical clip-on technology
- Additional stability thanks to the decor profile being anchored by screws in matching colours
- The hinged bearing compensates level differences even when clipping on the decor profile
- The decor profile sits evenly and securely along the entire hinged bearing – for optimum stability even with higher coverings
- Extremely durable, highly stable support profiles made from non-corrosive, uncoated aluminium.
- The aluminium support profile's grooved pivot head automatically centres the self-cutting special screws when installing the decor profile.

## clipstech®-plus support profiles



Aluminium support profile with **alfer**®-fix universal hole pattern

The aluminium support profiles are attached to the substrate before the floor covering is laid and offer an important benefit from a laying perspective: expansion joints in the floor coverings are usually at the same place as in the substrate (e.g. screed joints in the door area). With **clipstech**®-plus, the support profile is eccentrically attached to the substrate. The unique perforation in the fixing piece of the support profiles offers optimum flexibility and vastly simplifies installation. Depending on the substrate, different installation versions are available:

Adhesive can penetrate the large holes (adhesion benefit, e.g. when sticking down the profiles in the area of underfloor heating systems and steps)

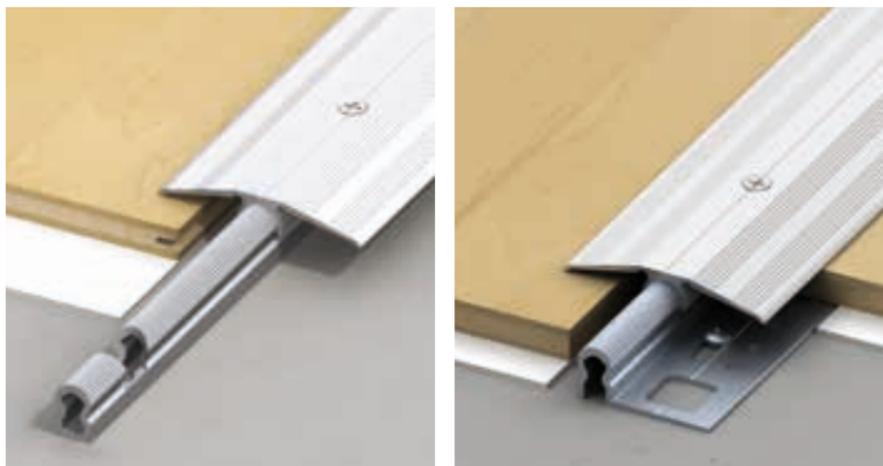
- Long holes make it easier to compensate inaccurate screw holes
- Small round holes for nailing, tacking or screwing (e.g. to dry-laid substrates)

## clipstech®-plus renovation support profiles

The renovation aluminium support profiles have been specially designed for retrospective installation. They are attached by screws; adhesive is not suitable.



## clipstech®-plus system profiles



### clipstech®-plus cover strips

The **clipstech®-plus** cover strips bridge expansion joints between two floor coverings of the same height and can compensate level differences of up to 10mm. This is made possible by the infinite rocking mechanism. Expansion joints and rough cut edges can be elegantly concealed. The **clipstech®-plus** profile is combined with an appropriate support profile on the basis of the floor covering height.

You can find the types of support profile you need in the tables on pages 12 and 13.

### clipstech®-plus level compensator profiles

**clipstech®-plus** level compensator profiles have two side pieces of different lengths. Thanks to the infinite rocking mechanism, they can bridge expansion joints between two floor coverings with a height difference of up to 21 mm. The **clipstech®-plus** profile is combined with an appropriate support profile on the basis of the floor covering height.

You can find the types of support profile you need in the table on page 14.

## **clipstech®-plus – available colours**

### **Anodised aluminium**



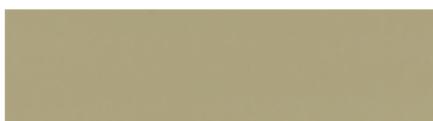
Silver



Champagne



Brass



Titanium



Bronze

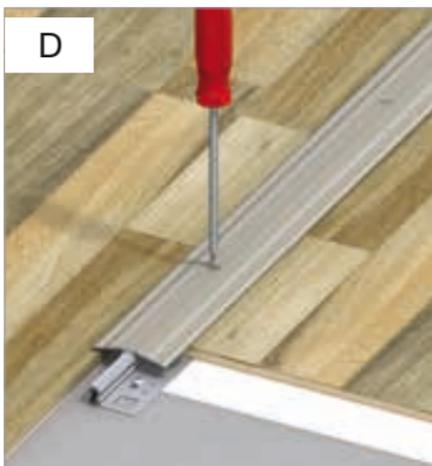
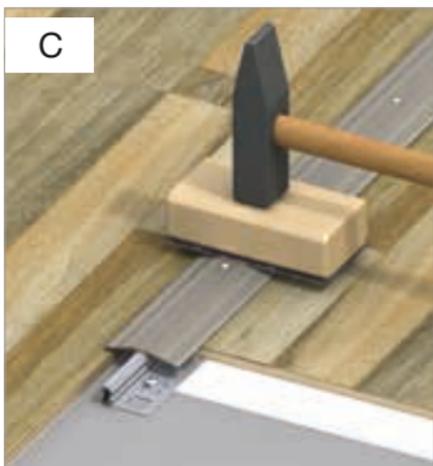
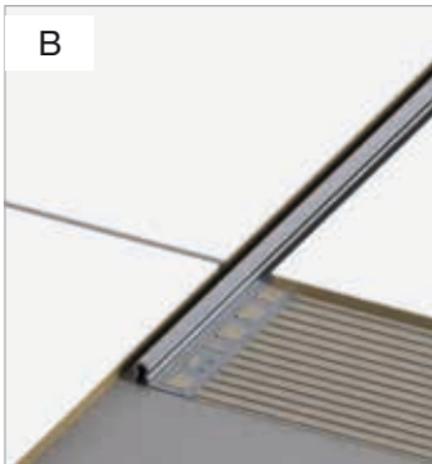
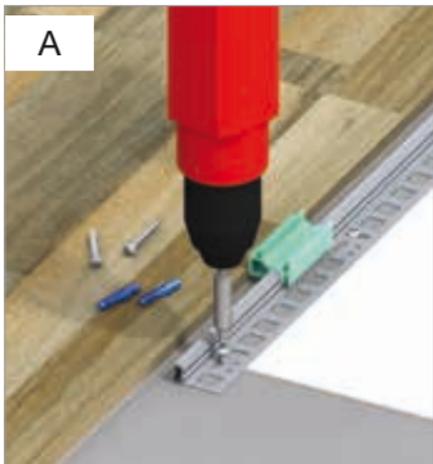
## Laying **clipstech**<sup>®</sup>-plus profiles

- A** Select the support profiles on the basis of the floor covering height (see tables on pages 12–14). Clip on the green mounting aids (approx. 4 per metre) before attaching the support to ensure the correct distance from the wall, door etc. Now use plugs and screws to attach the support profile to the floor. The insulating underlay is only laid up to the fixing piece – not over it! Now lay the floor covering as usual.
- B** Thanks to the **alfer**<sup>®</sup>-fix universal hole pattern, support profiles can also be glued on. The large holes allow adhesive or mortar to penetrate and provide an optimum contact area between the tile and the substrate.
- C** Place the decor profile on the support profile so that the joint pan and head are positioned directly over each other. Now attach the decor profile to the support profile using a hammer and a aid (e.g. wooden block). Ensure that the decor profile is sat fully on the aluminium support.
- D** Finally, simply anchor the decor profile in place with the self-cutting countersunk screws.

## Laying renovation **clipstech**<sup>®</sup>-plus support profiles

- E** Use plugs and screws to attach the renovation support profile to the existing expansion joint. The expansion joint must be at least 12 mm.

Important: to prevent the over-tightening of the screws when anchoring the decor profile in place, do not use a battery-powered screwdriver to fully tighten them. Instead, use a manual screwdriver or a screwdriver with a low torque setting.



# clipstech®-plus

For same height floor coverings



Cover strip 46 mm

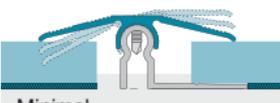
	Support Profile height	Floor covering	
		From	To
	9.5mm	6.0mm	9.0mm
	13.0mm	9.5mm	12.5mm
	16.5mm	13.0mm	16.0mm
	20.0mm	16.5mm	19.5mm

# clipstech®-plus

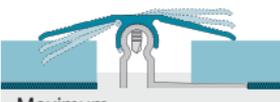
## Level compensation from 0.0-10.0 mm



## Cover strip 46 mm

Level compensation from 0.0-4.0 mm	Support Profile height	Left floor		Right floor	
		From	To	From	To
 Minimal pivot area	9.5 mm	4.0 mm	6.0 mm	6.0 mm	8.0 mm
	13.0 mm	7.5 mm	9.5 mm	9.5 mm	11.5 mm
	16.5 mm	11.0 mm	13.0 mm	13.0 mm	15.0 mm
	20.0 mm	14.5 mm	16.5 mm	16.5 mm	18.5 mm

Level compensation from 4.0-8.0 mm	Support Profile height	Left floor		Right floor	
		From	To	From	To
 Medium pivot area	9.5 mm	2.0 mm	4.0 mm	8.0 mm	10.0 mm
	13.0 mm	5.5 mm	7.5 mm	11.5 mm	13.5 mm
	16.5 mm	9.0 mm	11.0 mm	15.0 mm	17.0 mm
	20.0 mm	12.5 mm	14.5 mm	18.5 mm	20.5 mm

Level compensation from 8.0-10.0 mm	Support Profile height	Left floor		Right floor	
		From	To	From	To
 Maximum pivot area	9.5 mm	0.0 mm	2.0 mm	10.0 mm	
	13.0 mm	3.5 mm	5.5 mm	13.5 mm	
	16.5 mm	7.0 mm	9.0 mm	17.0 mm	
	20.0 mm	10.5 mm	12.5 mm	20.5 mm	

# clipstech®-plus

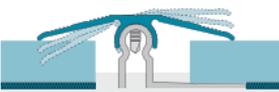
## Level compensation from 9.5-21.0 mm



## Level compensator profile 56 mm

Level compensation from 9.5-13.5 mm	Support Profile height	Left floor		Right floor	
		From	To	From	To
 <p>Minimal pivot area</p>	9.5 mm	-5.5 mm	-3.5 mm	6.0 mm	8.0 mm
	13.0 mm	-2.0 mm	0.0 mm	9.5 mm	11.5 mm
	16.5 mm	1.5 mm	3.5 mm	13.0 mm	15.0 mm
	20.0 mm	5.0 mm	7.0 mm	16.5 mm	18.5 mm

Level compensation from 14.0-18.0 mm	Support Profile height	Left floor		Right floor	
		From	To	From	To
 <p>Medium pivot area</p>	9.5 mm	-8.0 mm	-6.0 mm	8.0 mm	10.0 mm
	13.0 mm	-4.5 mm	-2.5 mm	11.5 mm	13.5 mm
	16.5 mm	-1.0 mm	1.0 mm	15.0 mm	17.0 mm
	20.0 mm	2.5 mm	4.5 mm	18.5 mm	20.5 mm

Level compensation from 19.0-21.0 mm	Support Profile height	Left floor		Right floor	
		From	To	From	To
 <p>Maximum pivot area</p>	9.5 mm	-11.0 mm	-9.0 mm	10.0 mm	
	13.0 mm	-7.5 mm	-5.5 mm	13.5 mm	
	16.5 mm	-4.0 mm	-2.0 mm	17.0 mm	
	20.0 mm	-0.5 mm	1.5 mm	20.5 mm	

## clipstech®-mini



### The latest member of the **clipstech®** family

Small profiles for low transitions.

With the new, aluminium **clipstech®**-mini profiles, **alfer®** offers the ideal accessories for clean edges and transitions on your vinyl floors with a height of 4-5 mm. Vinyl is a thin floor covering suitable for use in many areas including prestigious venues, shop floors, offices and private homes.

The benefits:

- Low installation height
- Simple installation thanks to the clip-on design of the flooring profiles
- Elegant appearance without any visible screws

**clipstech®**-mini is suitable for all laying situations:

- As a cover strip with floor coverings of the same height (4-5 mm)
- To even out the levels in the case of different flooring heights (0-5 mm)
- As edging profiles for clean edges (4-5 mm)

## clipstech®-mini system profiles



level compensator profile



edging profile

## clipstech®-mini – available colours

### Anodised aluminium



Silver



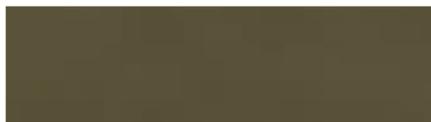
Titanium



Brass



Brushed black

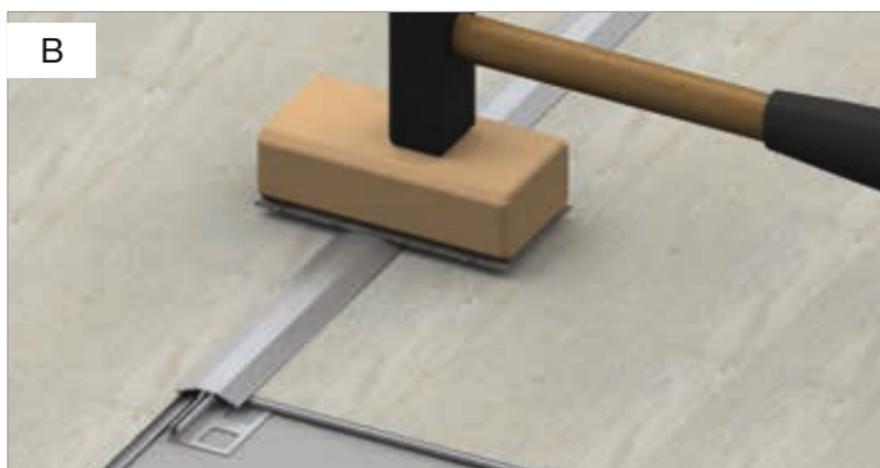
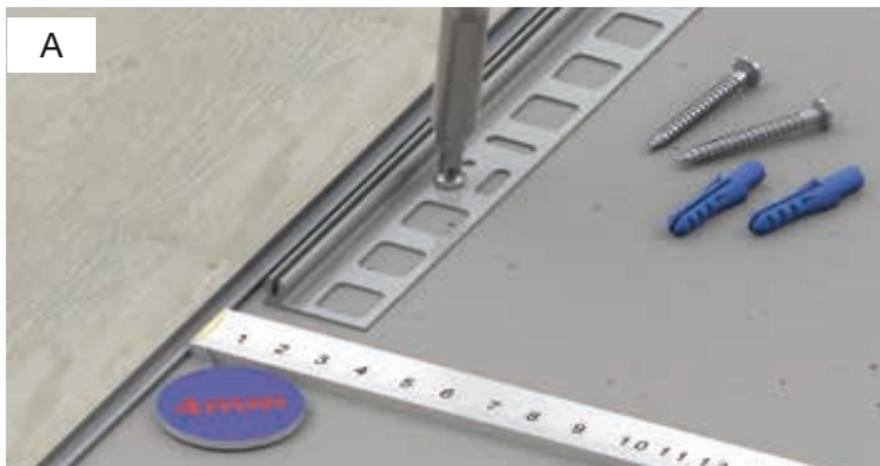


Bronze



Stainless steel visual effect

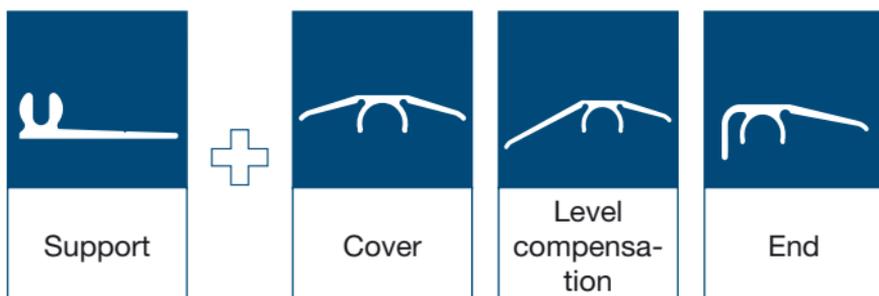
## Laying the clipstech®-mini profile

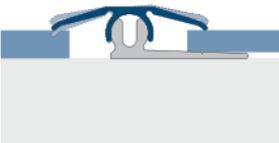


If you want to lay two different vinyl floors of the same height (4-5 mm) that meet in a doorway, for example, you can bridge the transition with a **clipstech®-mini** cover strip. To do this, screw or stick the support profile onto the floor and lay the vinyl flooring on top of this with a gap of about 4 mm from the support profile's joint head. You can then use a hammer to clip on the cover strip, placing a piece of wood between the hammer and the strip to prevent any damage.

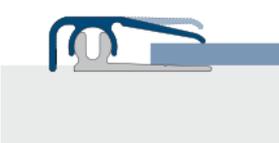
## clipstech®-mini

For same-height floor coverings and level compensation

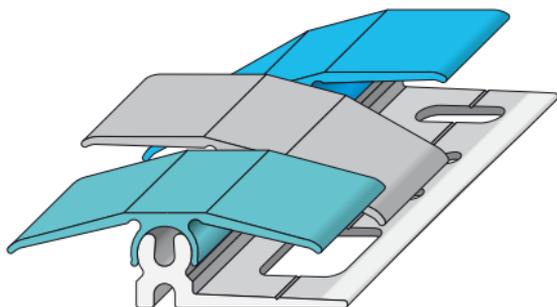


Cover strip 25 mm	Support profile colour	Left floor from	to	Right floor from	to
	Light grey	4.0mm	5.0mm	4.0mm	5.0mm

Level compensation 31 mm	Support profile colour	Left floor from	to	Right floor from	to
	Light grey	0.0mm	2.0mm	4.0mm	5.0mm

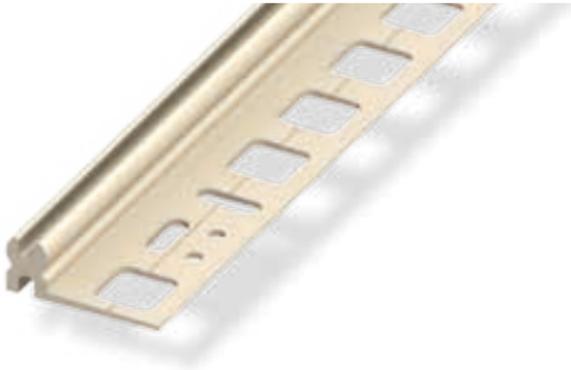
Edging profile 8.5 mm	Support profile colour	Floor covering from	to
	Light grey	4.0mm	5.0mm

## Good reasons to choose **clipstech**<sup>®</sup> system profiles



- Outstandingly simple clip-in installation: simply clip the **clipstech**<sup>®</sup> decor profiles onto the rocking mechanism on the **clipstech**<sup>®</sup> support profile and you are done
- Greater aesthetic appeal thanks to the decor profile being attached without screws
- No risk of injury from protruding screws
- The hinged bearing elegantly compensates different floor levels
- The decor profile sits evenly and securely along the entire hinged bearing – for optimum stability even with higher coverings
- The sophisticated profile technology offers excellent stability – the right amount of the right material in the right place
- The finishing edges on the decor profiles have a ‘negative slope’ and can be optimally aligned with the floor covering
- Outstanding value for money
- The laying process saves time and money

## alfer®-fix universal hole pattern



The unique perforation in the fixing piece of the support profiles offers optimum flexibility and vastly simplifies installation. PVC **clipstech**® support profiles act as the basis for the entire profile system. They are attached to the substrate before the floor covering is laid. Together with the impact-resistant PVC, their special contours provide optimum stability. Conventional profiles, which are attached centrally and therefore directly into the expansion joint (e.g. screed joint in the door area) are often unable to create a secure enough hold. **clipstech**® support profiles offer a decisive installation advantage here: the support profile is attached to the substrate eccentrically, i.e. to the left or right of the screed joint.

Depending on the substrate, different installation versions are available:

- Adhesive can penetrate the large holes (adhesion benefit, e.g. when sticking down the profiles in the area of underfloor heating systems and steps)
- Long holes make it easier to compensate inaccurate screw holes
- Small round holes for nailing, tacking or screwing (e.g. to dry-laid substrates)

You can find the types of support profile you need in the tables from page 31 onwards.

## clipstech® – available colours

### Anodised aluminium



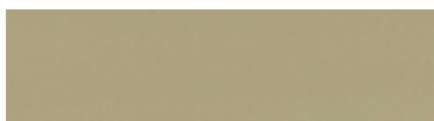
Silver



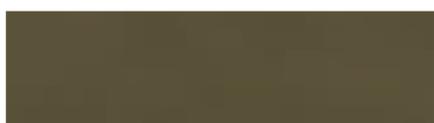
Champagne



Brass



Titanium



Bronze

### Aluminium and plastic Wood effect



Maple



Beech



Oak

### Aluminium wood effect



Cherry



Walnut



Mahogany



Cork

## clipstech® system profiles



### clipstech® cover strips

**clipstech®** cover strips act like seesaws – if one profile leaf rises, the other drops. One leaf can also be adjusted further upwards – for maximum flexibility. The cover strips bridge expansion joints between two floor coverings of the same height and can compensate level differences of up to 10 mm. This is made possible by the infinite rocking mechanism.

**clipstech®** cover strips cover rough cut edges and ensure that expansion joints are retained. The narrow **clipstech®** cover strips are particularly suited for use under entrance and interior doors. The **clipstech®** cover strip is combined with an appropriate **clipstech®** support profile on the basis of the floor covering height.

You can find the types of support profile you need in the tables on pages 31, 32 and 33.



### **clipstech® level compensator profiles**

**clipstech®** level compensator profiles have two side pieces of different lengths. Thanks to the infinite rocking mechanism, they can bridge expansion joints between two floor coverings with a height difference of up to 21 mm. Rough cut edges are elegantly concealed and necessary expansion joints are retained.

Example:

You have two different floor covering heights of 10 mm and 2 mm and want to use the 40 mm wide level compensator profile. The height difference is 8 mm. Use the ivory-coloured **clipstech®** support profile.

You can find the types of support profile you need in the tables on pages 34 and 35.

## clipstech® system profiles



### clipstech® edging profiles

**clipstech®** edging profiles are used, for example, in door regions. Rough cut edges are elegantly concealed and expansion joints are retained. If a butt edge is desired on a floor covering to be laid as a floating covering in relation to a carpet or PVC floor covering (see image above), a suitably high support profile must be used to optimally conceal the cut edges on the coverings.

Example:

You have a 5 mm thick carpet on one side and an 8 mm thick laminate floor on the other. In this case, please use the white support profile and the 12.5 mm edging profile.

You can find the types of support profile you need in the table on page 31.



## **clipstech**® wall edging profiles

**clipstech**® wall edging profiles connect floor coverings to walls, patio doors, windows and all higher, adjoining thresholds cleanly, safely and subtly. Rough cut edges can be elegantly concealed. The practical **clipstech**® mounting aid and the corresponding **clipstech**® support profile ensure that the correct expansion joint gap is retained against the wall.

Example:

Your floor covering is 9 mm. Please use the ivory **clipstech**® support profile.

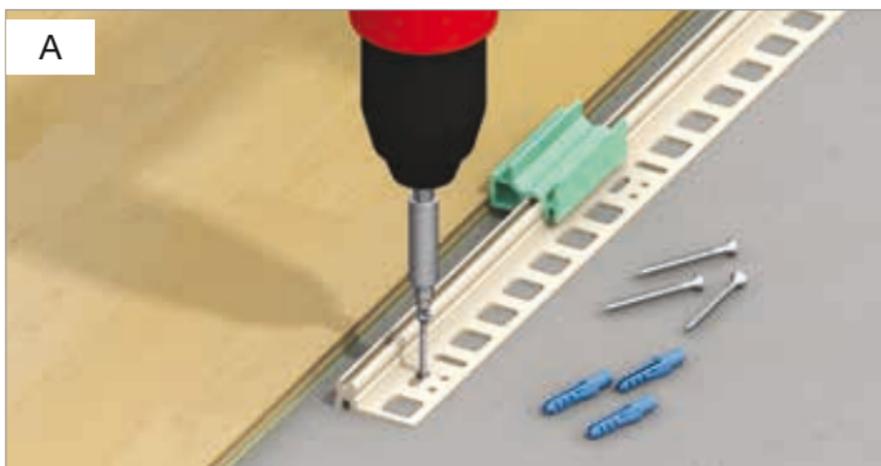
You can find the types of support profile you need in the table on page 31.

## Laying clipstech® support profiles

Clip the mounting aid onto the **clipstech®** support profile by briefly tapping it with a hammer so that the toothed side is over the support profile fixing piece.

You can find the types of support profile you need in the tables from page 31 onwards.

- A** Mounting aids ensure the correct distance from the wall, door etc. When using multiple support profiles in a row, connect them in perfect alignment using mounting aids so that the desired **clipstech®** decor profile can be precisely clipped on. The optimum number of mounting aids to use per metre of support profile is four. Attach the **clipstech®** support profile to the substrate. The nearer the attachment point to the pivot head the better. Make sure, for example, that there are no protruding screw heads.
  
- B** The right size expansion joint is of key importance. If it is too wide, the cover strip will slip away from the covering. If it is too narrow, the floor covering can press against the support profile and the floor can warp. The mounting aid ensures that you retain the optimum expansion joint width. Caution: the insulating underlay is only laid up to the fixing piece – not over it!
  
- C** When creating a transition between floating floor coverings of the same height, the mounting aids can be clipped on to both sides alternately. In this case, the optimum number of mounting aids to use per metre of support profile is eight. After laying the floor covering, remove the mounting aids, e.g. using a screwdriver. Next, clip on the cover strip and tap it into place using a hammer and a wooden block.



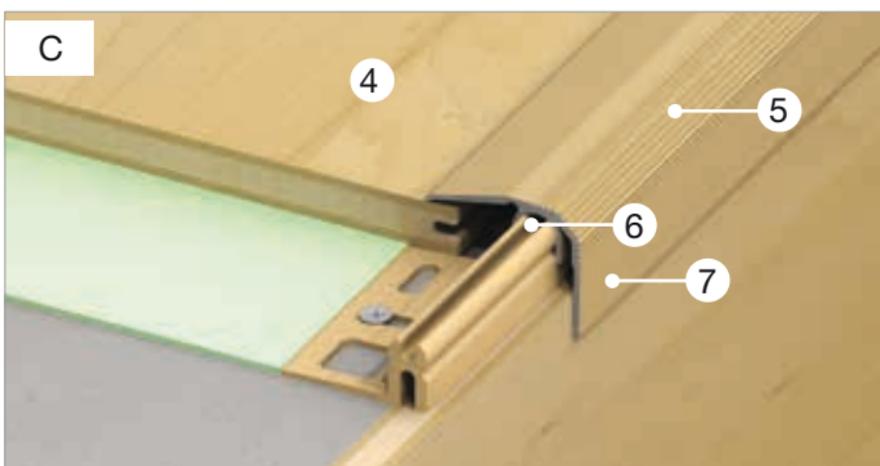
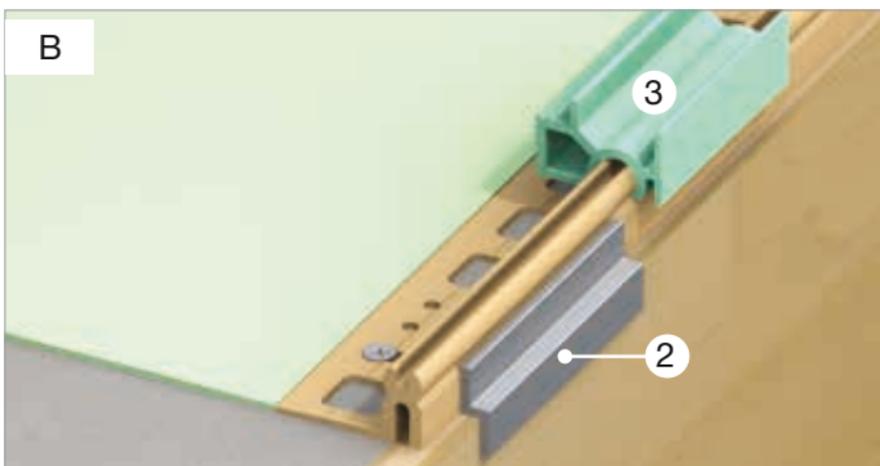
## Laying a **clipstech**<sup>®</sup> edging profile, 27 mm

In addition to using the 27 mm **clipstech**<sup>®</sup> edging profile for simple edging in combination with the brown support profile, it can also be used as a step edge. Depending on the height of the floor covering, however, this is only possible in combination with the white, ivory, grey, caramel or brown support profiles.

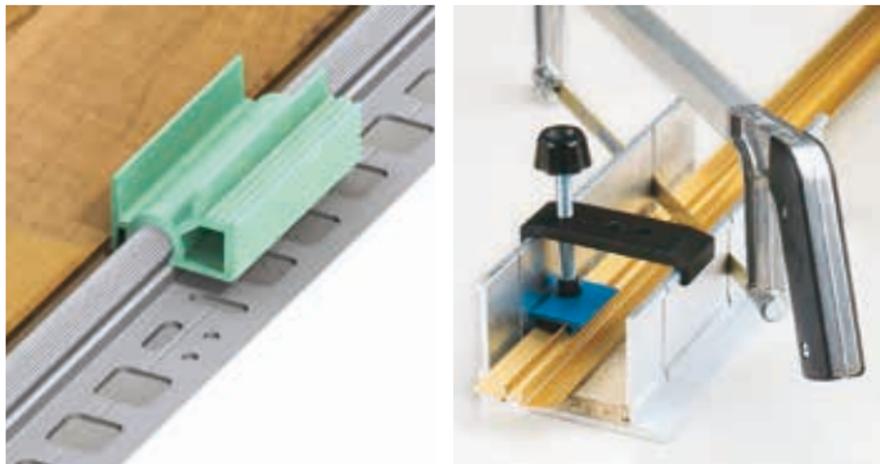
You can find the types of support profile you need in the table on page 31.

All 27 mm **clipstech**<sup>®</sup> edging profiles come with a special mounting aid. We recommend the following installation steps:

- A** Select the support on the basis of the floor covering height. Start with the riser (1) on the top step. Stick the riser flush to the upper edge of the step.
- B** Position and attach the support profile using the special mounting aid (2). The **alfer**<sup>®</sup>-fix universal hole pattern on the support profiles makes it possible to attach the profiles using screws or adhesive. Next, lay the sound impact insulation up to the fixing piece on the **clipstech**<sup>®</sup> support profile – not over it! To retain the correct expansion joint gap, clip the green mounting aid (3) onto the support profile.
- C** Lay the covering for the tread area (4). Next, remove the green mounting aid and tap the 27 mm edging profile onto the support profile with a hammer and a wooden block. The 27 mm edging profile is contoured so that one side piece (6) is supported by the support profile and the other side piece (7) by the riser covering. The rough grooves (5) provide extra slip protection.



## clipstech® accessories



### Practical mounting aids

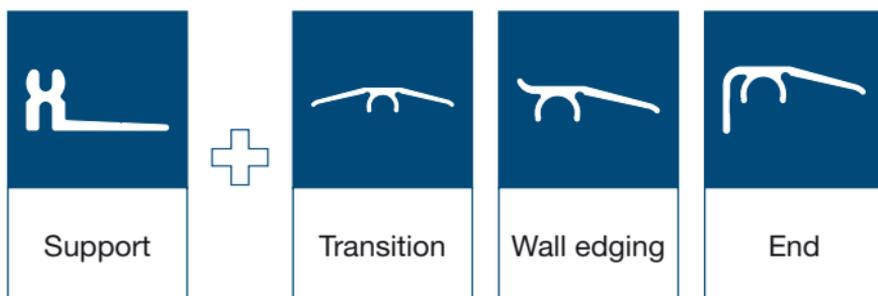
Floating floor coverings must be able to work and need expansion joints. These avoid stress caused by the expansion of materials and are required, for example, against walls or at transitions to other floor coverings. Our mounting aids ensure that the necessary gap of approx. 12 mm is provided. The mounting aids are simply clipped on to the support profile.

However, mounting aids also help you to correctly align **clipstech®** support profiles by clipping them onto the middle of two adjacent support profiles at the point where they join. Tip: to lay both sides of floating coverings in a single process, mounting aids can be clipped on to both sides alternately. (Note: the mounting aid is not suitable for the 33 mm cover strip or the 40 mm level compensator profile.)

### Profile sawing aid

The **alfer®** profile sawing aid has been precisely adapted to all decor profiles in the **clipstech®** system. Decor profiles can therefore be quickly and safely clamped in saws or mitre boxes without their visible surface being scratched.

## For same height floor coverings

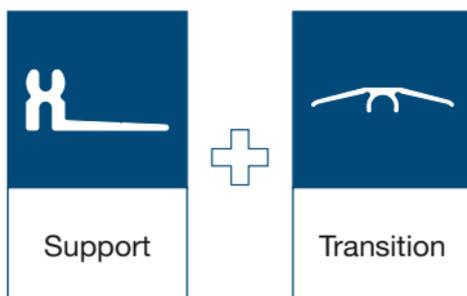


Cover strip 33 mm and 46 mm, Wall edging profile	Support Profile height	Floor covering	
		From	To
	White	6.0mm	8.0mm
	Ivory	8.5mm	10.5mm
	Grey	11.0mm	13.0mm
	Caramel	13.5mm	15.5mm
	Brown	20.5mm	22.5mm

Edging profile	Support Profile height	Edging Profile	Floor covering	
			From	To
	White	12.5mm	6.0mm	8.0mm
	Ivory	15.0mm	8.5mm	10.5mm
	Caramel	20.0mm	13.5mm	15.5mm
	Brown	27.0mm	20.5mm	22.5mm

Edging profile 27 mm as a step edging profile	Support Profile height	Floor covering	
		From	To
	White	6.0mm	8.0mm
	Ivory	8.5mm	10.5mm
	Grey	11.0mm	13.0mm
	Caramel	13.5mm	15.5mm

## Level compensation from 0.0-7.5 mm



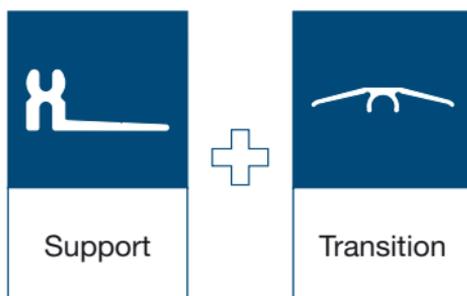
### Cover strip 33 mm

Level compensation from 0.0–2.5mm	Support Profile height	Left floor		Right floor	
		From	To	From	To
 Minimal pivot area	White	5.0mm	6.5mm	6.0mm	7.5mm
	Ivory	7.5mm	9.0mm	8.5mm	10.0mm
	Grey	10.0mm	11.5mm	11.0mm	12.5mm
	Caramel	12.5mm	14.0mm	13.5mm	15.0mm
	Brown	19.5mm	21.0mm	20.5mm	22.0mm

Level compensation from 3.0-6.0mm	Support Profile height	Left floor		Right floor	
		From	To	From	To
 Medium pivot area	White	3.0mm	4.5mm	7.5mm	9.0mm
	Ivory	5.5mm	7.0mm	10.0mm	11.5mm
	Grey	8.0mm	9.5mm	12.5mm	14.0mm
	Caramel	10.5mm	12.0mm	15.0mm	16.5mm
	Brown	17.5mm	19.0mm	22.0mm	23.5mm

Level compensation from 6.0-7.5 mm	Support Profile height	Left floor		Right floor	
		From	To	From	To
 Maximum pivot area	White	1.5mm	3.0mm	9.0mm	
	Ivory	4.0mm	5.5mm	11.5mm	
	Grey	6.5mm	8.0mm	14.0mm	
	Caramel	9.0mm	10.5mm	16.5mm	
	Brown	16.0mm	17.5mm	23.5mm	

## Level compensation from 0.0-10.0 mm



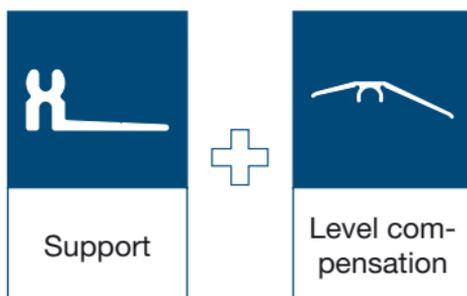
### Cover strip 46 mm

Level compensation from 0.0-4.0 mm	Support Profile height	Left floor		Right floor	
		From	To	From	To
 <p>Minimal pivot area</p>	White	4.0 mm	6.0 mm	6.0 mm	8.0 mm
	Ivory	6.5 mm	8.5 mm	8.5 mm	10.5 mm
	Grey	9.0 mm	11.0 mm	11.0 mm	13.0 mm
	Caramel	11.5 mm	13.5 mm	13.5 mm	15.5 mm
	Brown	18.5 mm	20.5 mm	20.5 mm	22.5 mm

Level compensation from 4.0-8.0 mm	Support Profile height	Left floor		Right floor	
		From	To	From	To
 <p>Medium pivot area</p>	White	2.0 mm	4.0 mm	8.0 mm	10.0 mm
	Ivory	4.5 mm	6.5 mm	10.5 mm	12.5 mm
	Grey	7.0 mm	9.0 mm	13.0 mm	15.0 mm
	Caramel	9.5 mm	11.5 mm	15.5 mm	17.5 mm
	Brown	16.5 mm	18.5 mm	22.5 mm	24.5 mm

Level compensation from 8.0-10.0 mm	Support Profile height	Left floor		Right floor	
		From	To	From	To
 <p>Maximum pivot area</p>	White	0.0 mm	2.0 mm	10.0 mm	
	Ivory	2.5 mm	4.5 mm	12.5 mm	
	Grey	5.0 mm	7.0 mm	15.0 mm	
	Caramel	7.5 mm	9.5 mm	17.5 mm	
	Brown	14.5 mm	16.5 mm	24.5 mm	

## Level compensation from 6.0-15.0 mm



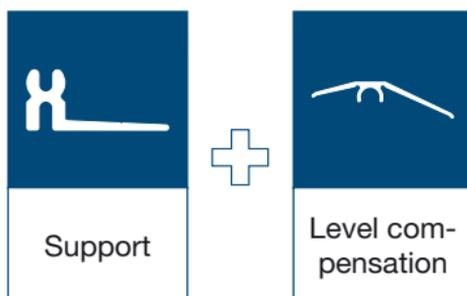
### Level compensator profile 40 mm

Level compensation from 6.0-9.0 mm	Support Profile height	Left floor		Right floor	
		From	To	From	To
 <p>Minimal pivot area</p>	White	-1.5mm	0.0mm	6.0mm	7.5mm
	Ivory	1.0mm	2.5mm	8.5mm	10.0mm
	Grey	3.5mm	5.0mm	11.0mm	12.5mm
	Caramel	6.0mm	7.5mm	13.5mm	15.0mm
	Brown	13.0mm	14.5mm	20.5mm	22.0mm

Level compensation from 10.0-13.0 mm	Support Profile height	Left floor		Right floor	
		From	To	From	To
 <p>Medium pivot area</p>	White	-4.0mm	-2.5mm	7.5mm	9.0mm
	Ivory	-1.5mm	0.0mm	10.0mm	11.5mm
	Grey	1.0mm	2.5mm	12.5mm	14.0mm
	Caramel	3.5mm	5.0mm	15.0mm	16.5mm
	Brown	10.5mm	12.0mm	22.0mm	23.5mm

Level compensation from 13.5-15.0 mm	Support Profile height	Left floor		Right floor	
		From	To	From	To
 <p>Maximum pivot area</p>	White	-6.0mm	-4.5mm	9.0mm	
	Ivory	-3.5mm	-2.0mm	11.5mm	
	Grey	-1.0mm	-0.5mm	14.0mm	
	Caramel	1.5mm	3.0mm	16.5mm	
	Brown	8.5mm	10.0mm	23.5mm	

## Level compensation from 9.5-21.0 mm



### Level compensator profile 56 mm

Level compensation from 9.5-13.5 mm	Support Profile height	Left floor		Right floor	
		From	To	From	To
 Minimal pivot area	White	-5.5 mm	-3.5 mm	6.0 mm	8.0 mm
	Ivory	-3.0 mm	-1.0 mm	8.5 mm	10.5 mm
	Grey	-0.5 mm	1.5 mm	11.0 mm	13.0 mm
	Caramel	2.0 mm	4.0 mm	13.5 mm	15.5 mm
	Brown	9.0 mm	11.0 mm	20.5 mm	22.5 mm

Level compensation from 14.0-18.0 mm	Support Profile height	Left floor		Right floor	
		From	To	From	To
 Medium pivot area	White	-8.0 mm	-6.0 mm	8.0 mm	10.0 mm
	Ivory	-5.5 mm	-3.5 mm	10.5 mm	12.5 mm
	Grey	-3.0 mm	-1.0 mm	13.0 mm	15.0 mm
	Caramel	-0.5 mm	1.5 mm	15.5 mm	17.5 mm
	Brown	6.5 mm	8.5 mm	22.5 mm	24.5 mm

Level compensation from 19.0-21.0 mm	Support Profile height	Left floor		Right floor	
		From	To	From	To
 Maximum pivot area	White	-11.0 mm	-9.0 mm	10.0 mm	
	Ivory	-8.5 mm	-6.5 mm	12.5 mm	
	Grey	-6.0 mm	-4.0 mm	15.0 mm	
	Caramel	-3.5 mm	-1.5 mm	17.5 mm	
	Brown	3.5 mm	5.5 mm	24.5 mm	

## clipstech®-vario plug system

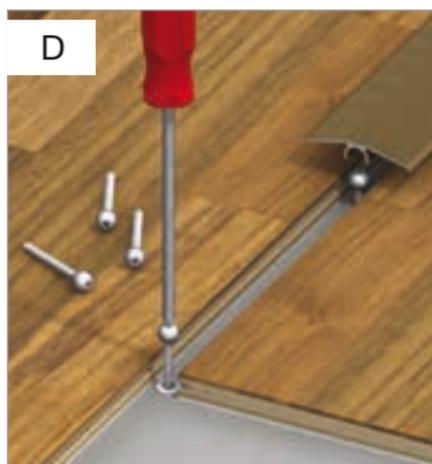
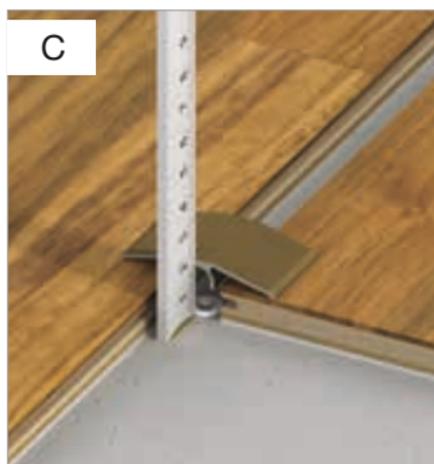
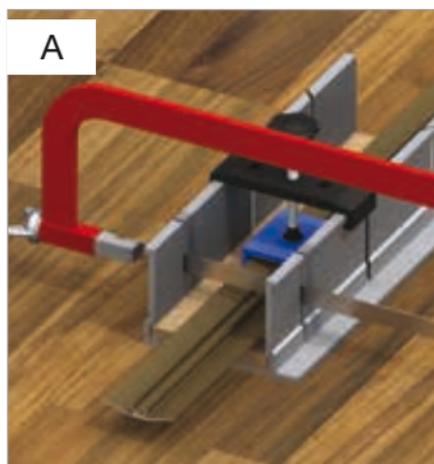


### Floor already laid?

Have you already laid your floor covering and now want to retrospectively attach **clipstech**® cover profiles to elegantly conceal expansion joints? No problem, thanks to **clipstech**®-vario, the innovative screw and plug system from **alfer**®.

- A** Saw the cover profile to the required length and keep the remaining profile cut-off to one side. This will later act as a sample for the height of the round-headed screws.
- B** Now create drill holes (Ø 6 mm) in a straight line for the plugs (drill hole depth = plug length + 10 mm). The first and last drill holes should be approx. 100 mm from the edge with the remaining holes evenly spread with gaps of approx. 200 mm (we recommend using 5 plugs and screws per metre). The expansion joint must be at least 12 mm.
- C** Now lay the profile cut-off in the area to be bridged and measure the height from the floor to underside of the joint pan.
- D** Screw in the round-headed screw to the height previously measured and clip on the cover profile. Finished!

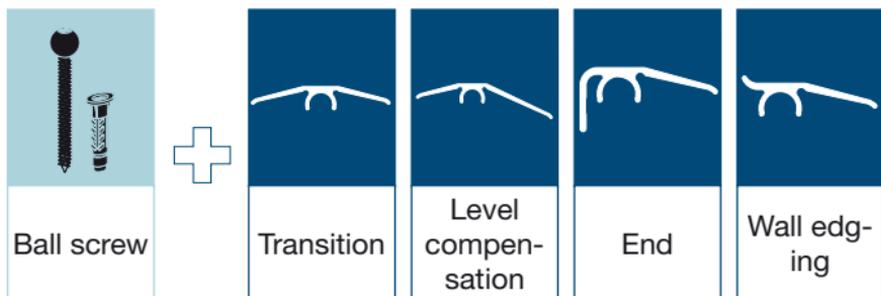
## Laying a clipstech®-vario profile



Note: the 27 mm edging profile is not suitable for use as a step edging profile in combination with a round-headed screw.

# clipstech®-vario

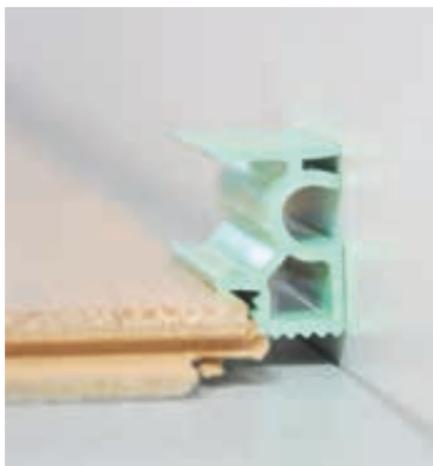
Same height coverings and level compensation from 0.0-21.0mm



Cover strip 33 mm, 46 mm and level compensator profile 40 mm, 56 mm, edging profile

	Support	Floor covering from	to
	Ball screw	6.0 mm	20.0 mm
<b>Cover strip 33 mm</b>		Level compensation up to 7.5 mm	
<b>Cover strip 46 mm</b>		Level compensation up to 10.0 mm	
<b>Level compensator profile 40 mm</b>		Level compensation from 6.0-15.0 mm	
<b>Level compensator profile 56 mm</b>		Level compensation from 9.5-21.0 mm	

## Useful tips from the professionals



### Versatile mounting aids

If using conventional baseboards as wall edging, you can also use the mounting aids as expansion joint retainers without support profiles.

### Sawing aid for decor profiles

The sawing aid is precisely tailored to the decor profiles – for a firm position in saws or mitre boxes.

### Mitre cuts

When installed, the decor profile adapts to the floor height. Mitre cut markings are therefore always made on the clipped-on decor profile. The process:

Version 1: clip the end of the decor profile to be mitred to the pre-installed support profile with a length of approx. 10 cm. Mark the desired mitre angle and carefully remove the decor profile for sawing.

Version 2: simulate the later assembly with cut-offs of the covering, substrate and support profile. Attach everything to a wooden board, for example. Clip on the decor profile with a length of at least 10 cm. Next, mark the profile and mitre it.

In both cases, you can correct the saw cut by additionally filing it if necessary.

## What you need for installation

- A suitable form of insulation between the substrate and parquet or laminate floor (e.g. foam or shredded cork board)
- Waterproof wood glue if the flooring panels are to be glued
- Tools such as saw, hammer, crowbar, hammering block, angle bracket, tape measure and pen
- **clipstech**<sup>®</sup> system profiles with mounting aids and profile combinations for every application

## What else you should know

- The floor covering should be stored horizontally in its original packaging for about 48 hours in the room where it is to be installed so that it can adapt to the ambient conditions. Ideal ambient conditions: 20°C with a relative humidity of 50–60%.
- So that you can fit expansion joints to the assembled flooring panels, a gap of 8–12 mm should be left to all adjoining elements, such as walls, other floor coverings or existing expansion joints in the substrate.
- If a room is more than 8 m long or wide, an expansion joint must also be installed to allow for movement. **clipstech**<sup>®</sup> system profiles bridge expansion joints in such a way that the floor covering is able to move without being seen. The edges of the surface are therefore permanently protected and the profiles round off the overall refined look of your floor covering.

## How to saw floor panels

When sawing, make sure that the teeth of the saw blade are directed away from the visible area of floor panel. This prevents fraying.

## Useful application videos

Watch videos of our product and processing tips on YouTube.



**clipstech®**



**clipstech®-vario**



**clipstech®-plus**



**clipstech®-plus Renovation**

## Notes – technical diagrams

### **clipstech® decor colour designs**

The **clipstech®** system offers many benefits. These include the fact that decor profiles suitably tailored to the **alfer®** design family can be found for all applications from transitions to step edging. All decor profiles are made from aluminium and have different surface finishes to make them highly abrasion and corrosion resistant as well as durable.

### **Anodised aluminium (ALX)**

Anodised aluminium profiles have a sophisticated look that does not change when damp.

### **Powder-coated aluminium (ALP)**

Our unique high-tech procedure enables us to optimally adapt **clipstech®** system profiles to parquet, laminate and cork flooring and use a number of natural wood designs. This makes the surface not only more UV-resistant but also considerably more resistant to water and scratches than conventional coatings.

## About the **alfer**® design family



### **Standard profiles for parquet and laminate**

All types of edgings and transitions on laminate, parquet and cork floors can also be created with our standard profiles – under consideration of the necessary expansion joints of course. The standard range includes edge, Z-finish, level compensating and edging profiles made from anodised aluminium or hot embossed plastic with perfectly aligned colours and designs.

### **cabelino**® cable duct baseboards

Our **cabelino**® cable duct baseboards combine the high functionality of integrated cable ducts with a trendy and attractive design: various stainless steel looks, aluminium and plastic in several colours, precious metal, wooden and stone designs – always tailored to the **alfer**® design family of the **clipstech**® parquet and laminate profiles and the decor profiles. Suitable accessories professionally round off the system.

## Notes – technical diagrams

### Dimensions

The dimensions indicated in this brochure are approximate values and may deviate slightly in either direction.

### Product versions

We reserve the right to make modifications in the interest of technical progress and product improvement.

### Warranty

As this is an abridged brochure, no liability can be accepted for either individual cases or the reproduction of the models shown.

### Colours

The colours depicted may vary slightly from the original products.

### Important notice

The following trademarks (®) are registered to **alfer**® aluminium Gesellschaft mbH, D-79793 Wutöschingen :

<b>alfer</b> ®	(EU) (CH)
<b>alferoxal</b> ®	(B) (D) (F) (I) (L) (NL) (A) (P) (CH)
<b>alferceram</b> ®	(B) (D) (F) (I) (L) (NL) (A) (P) (CH)
<b>clipstech</b> ®	(EU) (MEX)
<b>combitech</b> ®	(EU) (CH) (MEX)
<b>cabelino</b> ®	(EU) (CH)
<b>logika</b> ®	(EU)
<b>ferroplatan</b> ®	(EU)
<b>coaxis</b> ®	(EU) (USA) (MEX)
<b>x-star</b> ®	(EU) (USA)
<b>easyrack</b> ®	(EU)
<b>alferpro</b> ®	(EU)

The use of these trademarks is permitted only with the expressed permission of **alfer**® aluminium Gesellschaft mbH, D-79793 Wutöschingen.

## alfer® makes you mobile



Information about **alfer®** and the full product range plus plenty of other useful information can be found online. Our website is also optimised for mobile devices and tablets.

Wherever you are, you can find what you are looking for – quickly and clearly.



**alfer®** company information



**alfer®** product overview



**alfer®** expertise with tips and usage tricks, videos and instructions



**alfer®** model construction shop



## www.alfer.com

### Quicker access to information

Effortlessly find further information about product ranges or specific products! Simply go online on your smartphone, scan the QR code and you are done.



## alfer® hardware range



### **combitech® system · basis**

System profiles · accessory profiles, standard parts · metric threaded rods, threaded tubes · system accessories · tool range

### **combitech® system · connect 23.5 mm**

System profiles 23.5 mm · connect connectors 90°, 45° connect-hinge and flange connectors · system accessories

### **combitech® system · model construction**

System profiles 7.5 mm · 150°, 90° and 45° connect connectors · connect-bearing, hinge and flange connectors · end caps, end blocks · accessories  
**logika®** profiles · metric threaded rods · expanded metal, smooth, embossed and perforated sheets

### **combitech® system · sheets, plates and accessories**

Plastic panels · smooth, embossed, perforated and expanded sheets · Primatech · Multitube · checker plate profiles · accessories

### **Profiles for DIY and professional purposes**

Standard profiles made from aluminium, brass, plastic, steel, stainless steel · standard construction profiles · furniture construction profiles



## alfer® building material range



### Tile edgings

Standard, round, quarter-circle and square tile edgings · tile edging system for steps · joint cover profiles and expansion joint profiles · wet sealing profiles **clipstech®** system profiles · mats and accessories

### Floor and room profiles

Cover and joint cover profiles · edging, level balancing, round edging, flat, angle edging and end profiles · stair and step edging profiles · accessories

### Parquet and laminate profiles

**clipstech®**, **clipstech®-vario**, **clipstech®-plus**, **clipstech®-mini**- and renovation System profiles and accessories · cover, level balancing, wall edging and edging profiles · standard profiles

### Resysta® Decking boards and click tiles

### cabelino® cable duct baseboards

**cabelino®** support, baseboards, cable ducts and accessories, soft baseboards and buckling angles



## alfer® classification system range



### combitech® system · logika®

The logically perforated profile range: **logika®** profiles and **logika®** accessories

### combitech® system · coaxis®

The coaxial system profiles: system profiles, accessories and tools · wall and ceiling hooks

### Storage range

System rails and accessories · profile hooks, clothes hooks and utensils supports · bicycle stands · shelving brackets · overhead storage system and plant trolley



**alfer**<sup>®</sup>  
aluminium

[www.alfer.com](http://www.alfer.com)



**alfer**<sup>®</sup> aluminium  
Gesellschaft mbH  
79793 Wutöschingen  
Germany  
[info.eng@alfer.com](mailto:info.eng@alfer.com)



71708 · 0516



4 001116 973925