



***eletile***  
FLOORING PRODUCTS

## Information on Eletile Products

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# Installation Guide

## Commercial Installation Guidance for eleEase

### Material acclimatisation before installation

The product should be removed from all packaging and placed in the area of installation for a period of 48 hours, there should be a constant temperature of between 17 – 29 ° C, and this temperature should be maintained during and after installation.

### Sub-floor preparation

eleEase is suitable for installation on concrete, sand & cement screed, asphalt, timber, anhydrate screeds, ceramic tiles, terrazzo floors and marble floors.

eleEase is also suitable to overlay on some existing floor coverings such as PVC vinyl tiles, sheet and Marmoleum. The existing floor covering should be flat and well adhered. We do not recommend overlaying on top of carpet.

For further advice please speak to Etile technical department.

### Wet Sub-floors

eleEase is suitable for installations where the Relative Humidity in the floor does not exceed 95'RH. It is the responsibility of the installer to ensure the Relative Humidity is not above 95'RH.

### Under floor Heating

eleEase can be installed on under floor heating, however this must be switched off at least 48 hours prior to installation and remain off during installation and for further 48 hours upon completion, then the heating must not exceed a floor temperature of 27°C.

In addition to this the air humidity must be maintained between 40-60 ° C

Extreme temperatures will cause expansion and contraction so it is vital that the correct conditions are maintained.

## Conservatories/Sun Rooms

eleEase is not suitable for conservatories/sun rooms which exceed 27°C. If it does exceed this temperature we recommend an epoxy adhesive. The temperature should not exceed 30°C and air humidity between 40-60%RH and should not fall below 12°C

## Installation Requirements

eleEase should be installed in temperatures between 17-27°C with air humidity between 40-60 °C.

eleEase should be rolled using a 50kg - 68kg roller to ensure the correct bond between planks/tiles.

Temperatures outside of the recommended levels may cause expansion or contraction.

## Setting Out

eleEase, because of its unique nature, should be set out against a perimeter wall. If this perimeter is uneven the first row of planks should be scribed to ensure an even first row.

The grab strip should be the inside edge so enabling the next row of tiles/plank to be joined. This should be repeated across the installation area. All cuts should be carried out in the normal manner.

For large areas we can provide transition strips which will enable installation to progress in more than one direction.

For any further queries or clarification please contact Eletile technical department on 01429 892540.

## Maintenance

Eletile PVC vinyl flooring needs minimal maintenance.

Any loose dirt or dust to be removed by brushing or hoovering.

The product may be cleaned to remove shoe marks etc by mopping using a neutral detergent only or you can purchase a vinyl cleaner which you add to water and mop as usual.

Furniture must have felt pads fitted to all feet tables and chairs etc to limit any scratching which can occur with sharp edges.

It is not recommended to use wax on Eletile products as this can cause a slip hazard.

# eleEase Installation Guide

*Note: You need to add an extra 10% to your room measurement to allow for natural wastage.*

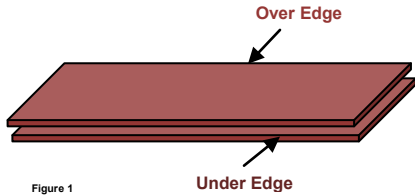


Figure 1

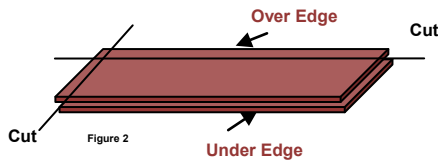


Figure 2

**1** Installation should start from a wall, normally the longest wall, with the under-edge facing away from the wall (figure 1).

**2** Before laying the floor, check the wall to determine if it is straight. If you have an uneven wall, then you either scribe the first row of planks or template them against the uneven wall.

**3** We recommend that the over-edge top of the connecting surface of the first plank/tile be cut away to avoid any visible dip once the plank relaxes (fig. 2), unless the installation is prior to the skirting, then this process is not required.

**4.** When securing two planks/tiles together, you should angle the plank/tile (45 degrees) into the corresponding edge. The over-edge is always placed on the under-edge. Use one hand to hold the plank/tile and the other

plank/tile to guide the edge into place for a tight fit by lowering the plank as you go. Be careful to keep the seams tight. You can push the planks/tiles slightly against the adjoining plank/tile to create a tight seam, if necessary, after the connection has been made. If your seam appears not to be tight, you can immediately pull up the plank/tile and reapply it. It will not harm the adhesive connection system, but try to avoid any contamination of the adhesive strip (NB it must be a Dust free environment). If using Feature Strips, then install them direct to the under edge of the plank/tile, before applying the next plank/tile.

**5.** When installing the planks, it is highly recommended to stagger the rows so that the short edge seams are not in a straight uniform line. We recommend the staggered random method (Figure 3) with at least 30 cm between end joints. When installing tiles you can either stagger as above or place in rows (Figure 3a)

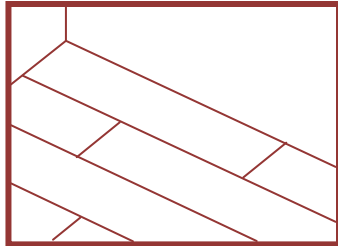


Figure 3

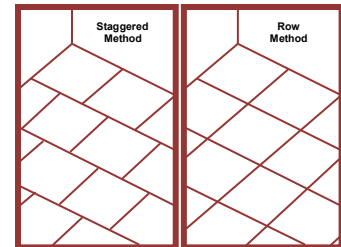


Figure 3a

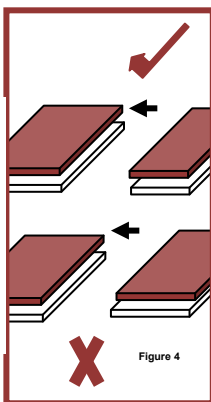


Figure 4

**6.** Start the second row with the cut off plank used at the end of the previous row if appropriate, or use a plank cut about 1/3 in length. The over-edge butts up to the first row plank. Start the third row with a full plank and continue to lay as above for the remaining rows. Always place cut edges against the wall and not next to other planks. (see Figure 4)

**7.** EleEase plank/tile can be cut easily with a utility knife (Stanley knife) or similar, changing the blade regularly. Just score the plank 2 or 3 times and snap the plank. During installation, eleEase should be rolled using a 50kg - 68kg roller to ensure the correct bond between planks/tiles.

**8.** Keep some spare EleEase planks/tiles in case there is an unforeseen need for replacement. If you need to replace a plank/tile, use a utility knife and cut into the middle of the plank/tile along its length. Carefully peel away the plank/tile and lift out. Replace a plank/tile by carefully placing the under edges under the planks/tiles next to it, then slowly putting the plank/tile into position by adding pressure to the seams and carefully looking that it fits perfectly.

**NB eleEase should be acclimatized for 48 hours prior to installation**

eleEase should be installed in temperatures between 17-27°C with air humidity between 40-60 °C. Temperatures outside of the recommended levels may cause expansion or contraction.

**If you have any problems or questions, call Eletele on 01429 892540**

# Maintenance

Eletile PVC vinyl flooring needs minimal maintenance.

Any loose dirt or dust to be removed by brushing.

The product may be cleaned to remove shoe marks etc by mopping using a neutral detergent only or you can purchase a vinyl cleaner which you add to water and mop as usual.

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It is not recommended to use wax on Eletile products as this can cause a slip hazard.

# Product Warranties and Guarantees

	Commercial	Residential
<b>eleEase @ home (0.3mm Wear Layer)</b>	-	25 yrs
<b>eleEase (0.55mm Wear Layer)</b>	10 yrs	20 yrs
<b>Finesse (0.55mm Wear Layer)</b>	10 yrs	20 yrs
<b>Signature (0.55mm Wear Layer)</b>	10 yrs	20 yrs

The warranty is void if the product is not installed as manufacturers instruction or from water ingress, poor maintenance, poor sub-floor preparation.

Excessive wear and tear under abnormal conditions will void the warranty.

Any claims will be assessed and if justifiable, replacement products will be issued.

Proof of purchase will be required to validate any warranty.

# FAQ's

## FAQ's for eleEase Products

**Q. Is eleEase a Contract product?**

**A.** Yes, eleEase has a class T rating – suitable for heavy contract with 0.55mm wear layer

**Q. What is the adhesive in eleEase?**

**A.** The adhesive is Japanese and a patented product. It is an oil based pressure sensitive adhesive.

**Q. How many times can the Plank/Tile be separated and Re-stuck?**

**A.** We would expect up to 3 times, but it depends on the levels of contamination (dust, fingerprints etc) on the grab strip. The greater the contamination the fewer times it can be separated and re-stuck.

**Q. What sub-floors are suitable for eleEase?**

**A.** Concrete, Timber, Sand & Cement, Anhydrate, Asphalt, existing vinyl tiles, Linoleum, Ceramic tiles etc, please refer to installation guide.

**Q. Can eleEase be laid on uneven floors?**

**A.** No, floors should be flat.

**Q. Can eleEase be laid in conservatories?**

**A.** Yes, but be aware of the temperatures 17<sup>0</sup>C – 29<sup>0</sup>C that should be maintained to avoid any expansion or contraction. Conservatories can often be problematic mainly due to the very high temperatures which occur during prolonged sunlight and lack of ventilation, particularly while people are away on holiday or at work.

**Q. Can individual Plank/Tiles be replaced?**

**A.** Yes by splitting the damaged plank/tile down the centre and removing, gentle heat will assist on the adhesive being pliable. Ask our Technical Staff for further details.

# FAQ's

**Q. Will pallet trucks damage the floor or cause it to split?**

A. No, tests with pallet trucks and 1 tonne weights have been carried-out and no damage or movements occurred, so we advise that pallet trucks can be used on top of the eleEase.

**Q. Can eleEase be used on wet sub-floors?**

A. British Standard BS8203 states that moisture in the sub-floor should be below 75'RH or a surface treatment such as an epoxy DPM should be installed. However after carrying out tests we recommend that the eleEase can be installed up to 95'RH and this will create cost savings for the client.

**Q. Can eleEase be beveled on the edges?**

A. Yes .

**Q. Can the eleEase be laid in Kitchens/Bathrooms?**

A. Yes

**Q. Should eleEase be installed by qualified fitters?**

A. We would always recommend for commercial installations that qualified floor layers should carry out the installation. In domestic situations the advantage of eleEase is that it is a DIY product.

**Q. Should eleEase be acclimatized prior to installation?**

A. Yes, we recommend at least 48 hours prior to installation.

**Q. Is installing eleEase different from dry back tiles?**

A. Yes, you should set out from either the left or right perimeter, depending on whether the installer is left or right handed. The perimeter piece should be scribed to the wall with the overhang adhesive top being cut off. The adhesive strip should always be on the inward side.

**Q. How do you cut the eleEase, with it being 4mm thick?**

A. You should use a sharp Stanley knife on the surface and then if necessary cut through the backing as with normal luxury vinyl tiles.

**Q. Can eleEase be fitted with feature strips?**

A. Yes, eleEase feature strips only, but we do not recommend feature strips greater than 5mm as this may affect the bond.

# FAQ's

**Q. How do we ensure a good bond between the plank/tiles?**

**A.** For commercial installations a 68kg roller should always be used.

**Q. Can eleEase be laid over existing floor coverings?**

**A.** Yes, as long as it is flat and any holes have been filled. Soft sub-floors are not recommended, such as thick pile carpet, as any movement may cause the joints to open.

**Q. Does the fact that eleEase is 4mm thick give any sound insulation?**

**A.** Yes you will get above 8db sound insulation.

**Q. Can eleEase be laid on a 45° angle?**

**A.** Yes but this is a skilled process and our technical department should be contacted by the installer to discuss the process prior to installation.

**Q. In big areas is it possible to work in different directions?**

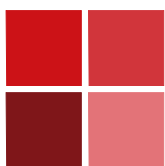
**A.** Yes the special transition strip is specifically designed for this. Please contact Etile directly for more information.

# eleEase Standards & Testing

Test Standard	Items	Requirements	Results	Pass	Standard
EN-423	Stain Resistance	10 different substances placed on sample for 24 hrs.	No change in appearance	YES	EN-649
EN-425	Castor test			YES	EN-649
EN-427	1.Tolerance of length dimension of top layer plank	914.4 +/- 0.4 mm	914.6 mm	YES	EN-649
	2.Tolerance of width dimension of top layer plank.	152.4 +/- 0.2 mm	152.5 mm	YES	EN-649
	3.Tolerance of length dimension of bottom layer plank	912.4 +/- 0.5mm	912.65 mm	YES	EN-649
	4.Tolerance of width dimension of bottom layer plank	150.4 +/- 0.3 mm	150.1 mm	YES	EN-649
EN-427	1. 90 degree angle of top tile	<0.25 mm	0.15 mm	YES	EN-649
	2. 90 degree angle of bottom tile	<0.25 mm	0.2 mm	YES	EN-649
EN-427	1. Adjoining edge dimension top layer plank	>22.7 mm	24.0 mm	YES	EN-649
	2.Adjoining edge dimension bottom layer plank.	21.5 ~ 22.5 mm	22.0 mm	YES	EN-649
EN-428	1. Top tile thickness	2.0 +/- 0.15mm	2.05 mm	YES	EN-649
	2. Bottom tile thickness.	2.0 +/- 0.15 mm	1.95 mm	YES	EN-649
EN-429	Wear layer thickness	0.5 mm +/- 0.03 mm	0.49 mm	YES	EN-649
EN-429	PU thickness	0.07+/- 0.015 mm	0.065	YES	EN-649
EN-430	Mass per unit ,top and bottom layer.	7897- 6290 g/m2	6989 / m2	YES	EN-649
EN-433	Residual indentation.	<0.10 mm	0.06 mm	YES	EN-649
EN-434	Dimensional stability after exposure to heat.				
	1. Top layer	<0.15 %	0.12%	YES	EN-649
	2.Top and bottom layer	<0.15%	0.13%	YES	EN-649
EN-434	Curling after exposure to heat				
	1. Top layer	<1.0 mm	0.50 mm	YES	EN-649
	2. Top & bottom layer.	<0.75 mm	0.50 mm	YES	EN-649
EN-435	Flexibility of top layer - Method A	Bend the top tile to 180 degree's with surface outward around a of 20mm dia for more than 5 seconds	No cracking observed	YES	EN-649
EN-436	Density			YES	EN-649
JIS-1454	Stability after exposure to water %.				
	1. Top & bottom layer planks	< 0.16 %	0.03%	YES	EN-649
JIS- 1454	Tear force.				
	1. Top layer.	<1.5 kg/cm	1.8 kg/cm	YES	EN-649
E660 part 2 1999 Fric Tabor	Slip resistance classification	< 2mm V Loss FV mm3 Group T	1.99 mm Moderate,Industrial, General Commercial	YES	EN-649
EN 12664	Thermal Resistance			YES	EN-649
ISO 105 B02	Colour fastness	Colour fastness	> blue standard 6	YES	EN-649
	Water tightness	500 MM X 300 MM sample submerged under 30mm of water for 24 hrs.	PASS	YES	EN-649
EN 1815	Anti-static test	Above 2kV	< 2 Kv	YES	EN-649

# Floor coverage and boxes per pallet

Range	Floor Type	Size	Wear Layer	Sqm covered per box	No. of planks/tiles per box	Boxes per pallet	Sqm covered per pallet
eleEase Commercial:	planks	6" x 36" x 4mm	0.55mm	2.23	16	60	133.80
	tiles	18" x 18" x 4mm	0.55mm	2.09	10	60	125.40
eleEase @home	planks	6" x 36" x 2.5mm	0.3mm	2.23	16	40	90
	tiles	36" x 12" x 2.5mm	0.3mm	2.23	16	40	90
Finesse	tiles	48" x 6" x 2.5mm	0.55mm	2.23n	16	40	90



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