

Amtico Click Smart

Installation Guidelines

ACS-IN-20230314-08-EN

Areas of Use

View our Click Smart installation video on www.amtico.com/click-smart-installation-video.

- Amtico Click Smart is suitable for use in most interior residential areas, but is not suitable for use outdoors, in unheated areas, in conservatories or in areas that create conservatory like conditions.
- Can be fitted onto all subfloor types and over any existing hard floor coverings as long as they are smooth, hard and flat.
- Suitable for Light Commercial use, do not use in areas subject to rolling loads or other heavy use.

Important Notes

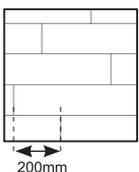
- Amtico Click Smart has an integral underlay, and no additional underlays should ever be used.
- Amtico Click Smart must remain a free floating installation; do not fix any items through the flooring, or build fitted units on top of the floor. For this reason Amtico Click Smart should be the last thing installed into the room and this also avoids the risk of accidental damage from other trades.
- Expansion Gaps must be allowed at the perimeter at the perimeter of the room and around all fixed objects. For rooms up to 10m length this gap should be at least 5mm and can be concealed underneath skirting boards or with a beading. We recommend 10mm when rooms are larger than 10m in length, and also where direct sun strikes or temperature fluctuations are expected.
- If used in multiple rooms the floor should always be broken to allow an expansion gap at each doorway.
- Suitable for use with electric and water underfloor heating systems, provided the systems are embedded in screed or beneath a floating timber base or similar as recommended by the underfloor heating manufacturer.
Note: Surface temperature of the floor should not exceed 27°
- Acclimatisation: Always store the boxes of product flat, and leave them in the room to be fitted for 24 hours to acclimatise to the temperature of installation (18-25°C). If tiles have been stored within this temperature range acclimatisation time can be reduced.

Preparation of subfloors

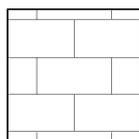
- Amtico Click Smart can be installed over any existing hard floor surfaces, such as ceramic, vinyl and linoleum provided that it is in a reasonable condition and provides a smooth, hard and flat base without undulations. Carpets, underlay and damaged floorcoverings should be removed.
- Ensure the floor is level; any roughness, height changes or deep grout lines must be smoothed using a levelling compound to ensure a good finish.
- Levels should not vary by more than 2-3mm over a 2m length. Floors should be smooth with no sudden changes in level. Preparation would be needed in such cases.
- Can be installed on to damp floor at up to 95%RH.
- On wooden bases, loose boards should be re-fixed and if the floor is uneven or has movement / flexibility, the existing subfloor may require replacing or to be overlaid with a new plywood base to ready the floor for installation.
- In cases of doubt of subfloor suitability please contact a flooring professional or Amtico directly.

Receiving and Setting out your floor

- Check the style, colour, quantity of product and inspect for any damage. Installation of flooring implies acceptance of materials.
- For a professional appearance a floor should be balanced with even cuts at the edge of a room. This can be done by measuring the width of the room and working out how many full tiles are needed, the remaining measure can be balanced at either end. It is recommended that these cuts are not too small. If so reduce the number of full tiles by one to give a larger cut tile. We suggest 20-30% of a full tile is the smallest cut.
- The tiles should be set out using the plans below for best appearance and stability.



Wood effect: Tiles should be fitted with random staggered joints with a minimum 200 mm between short ends.

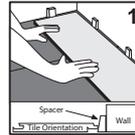


Stone effect: Tiles should be fitted in a brick pattern.

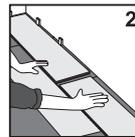
Recommended tools

- Rubber mallet, pull bar, spacers, laminate cutter, Jig saw (utility knife or flooring guillotine can also be used)
- Amtico Click Smart is a tough product. Tiles can be cut with a laminate cutter or a jigsaw fitted with wood blades, which is especially useful for intricate cuts.
- Tiles can also be cut using a sharp knife and a metal rule. Carefully score several times, and the tile can then be snapped with two hands, the underlay backing will need to be cut through.

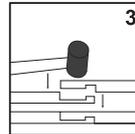
Installation



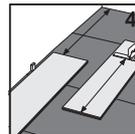
1 The first row of tiles should be placed against the wall with the tongue nearest the wall working from left to right, cutting tiles to the correct width if required.



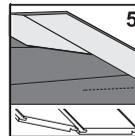
2 With the help of a temporary tile, ensure tiles in the first row are perfectly aligned. Align the second tile and gently tap into place with a mallet when you are sure it is square.



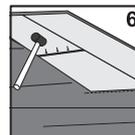
3 Once exactly aligned gently tap into place with a mallet when you are sure it is square. Always connect the end joints in the direction from the main field towards the area yet to be fitted.



4 Continue to fit this row in the same manner, cutting the last tile to size allowing the required expansion gap.



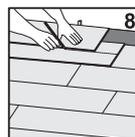
5 To begin the second row, cut tile to required length, angle the tongue of the new tile into the groove of the already fitted tile and lower into place, while maintaining the layout illustrated previously.



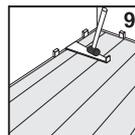
6 The next tile should be inserted at an angle, closely touching the previous tile in the row then lowered into position. The end joint should be firmly tapped with a rubber mallet to lock it into place.



7 If necessary use a tile offset as a tapping block, gently tap with a rubber mallet to ensure edges are well aligned.



8 Continue fitting full rows in this manner, keeping joints correctly aligned and ensuring the tiles are all properly connected. The last row of tiles should be cut to size, allowing the correct expansion gap and fitted in the same manner.



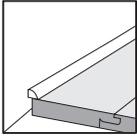
9 A pull bar can be useful for this final row of tiles.

Amtico Click Smart

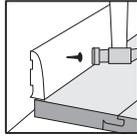
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Finishing the room



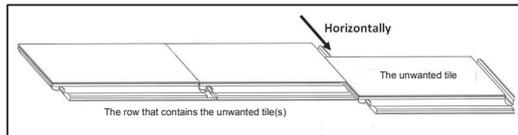
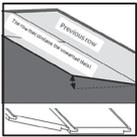
A trim can be affixed to cover the expansion gap.



Skirtings can be used to cover the expansion gap and doorframes can be undercut before installation to the correct depth to enable a neat finish

Uninstallation

Detach the whole row that contains the unwanted tile(s). Always slide the end joints apart horizontally if uninstalling any tiles, pulling them apart in any other way will damage the mechanism.



Repairs

In cases of damage during the life of the floor repairs can either be made by taking product up from the wall, or alternatively individual tiles can be replaced without removing the entire floor by cutting out the damaged tile. Please view our tile replacement video for more information at <https://youtu.be/O43AvWlTj8>