

# **ORIGIN PREMIUM AND HIGH IMPACT FLOOR TILE INSTALLATION GUIDE**

## SURFACE PREPARATION

Proper subfloor preparation is essential for the correct installation of any floorcovering. Subfloors must be structurally sound, smooth, dry (<75% RH) and free from laitance and any contaminants which will affect adhesion. Use STYCCOCLEAN C140 for removing grease, oil, polish, soap etc. from non-absorbent substrates.

Concrete and sand/cement screeds must be fully cured and any laitance or surface treatments must be removed. The temperature of the floor must be maintained above 10°C throughout the application and drying of the adhesive. Underfloor heating must be off for at least 48 hours before, during and after application.

For detailed information, request the F. Ball Subfloor Preparation Guide.

## DAMP SUBFLOORS

The Relative Humidity (RH) of the subfloor can be measured using the F. Ball Digital Hygrometer. Where the RH value is greater than 75% the appropriate STOPGAP waterproof surface membrane should be applied.

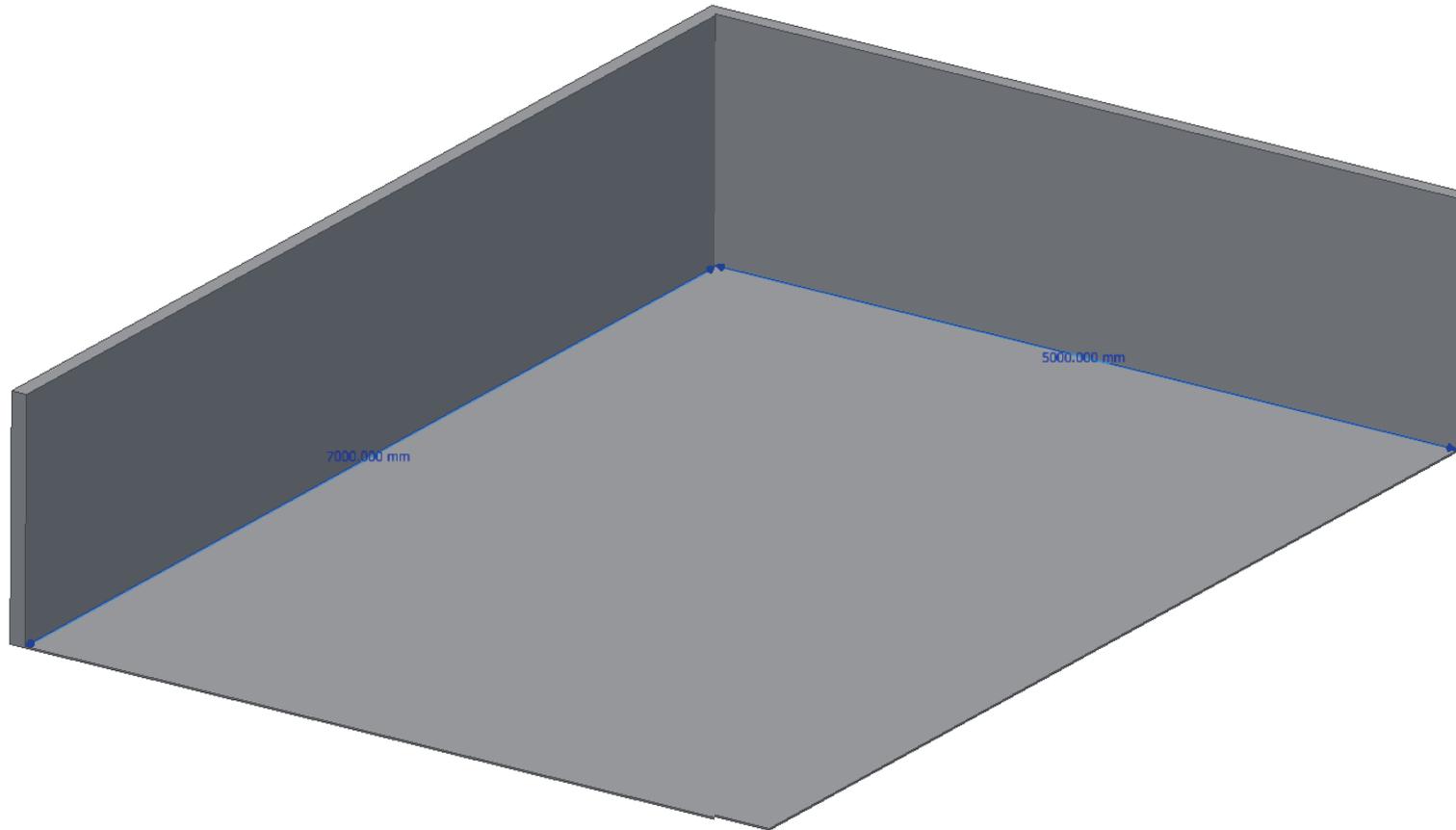
## SMOOTHING

To ensure a level surface on which to adhere to, uneven and irregular surfaces should be suitably prepared using the appropriate STOPGAP smoothing underlayments.

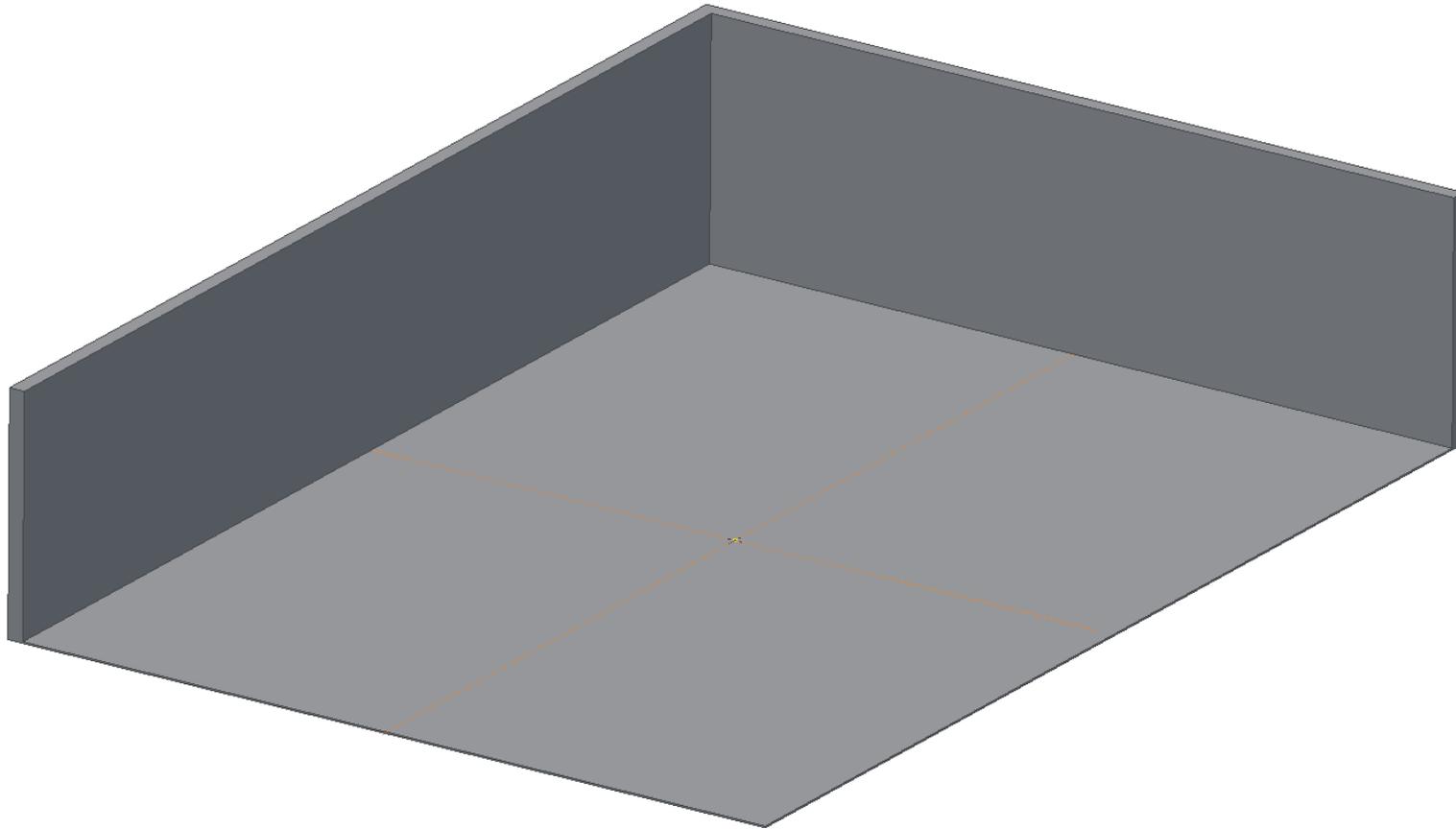
## PRIMING

Highly absorbent subfloors such as sand/cement screeds and plywood etc. may cause rapid drying of the adhesive, thus reducing the open time. Use STOPGAP P131 diluted 4 parts of water and stir until thoroughly dispersed. Once applied this should be allowed to dry thoroughly before proceeding with the installation.

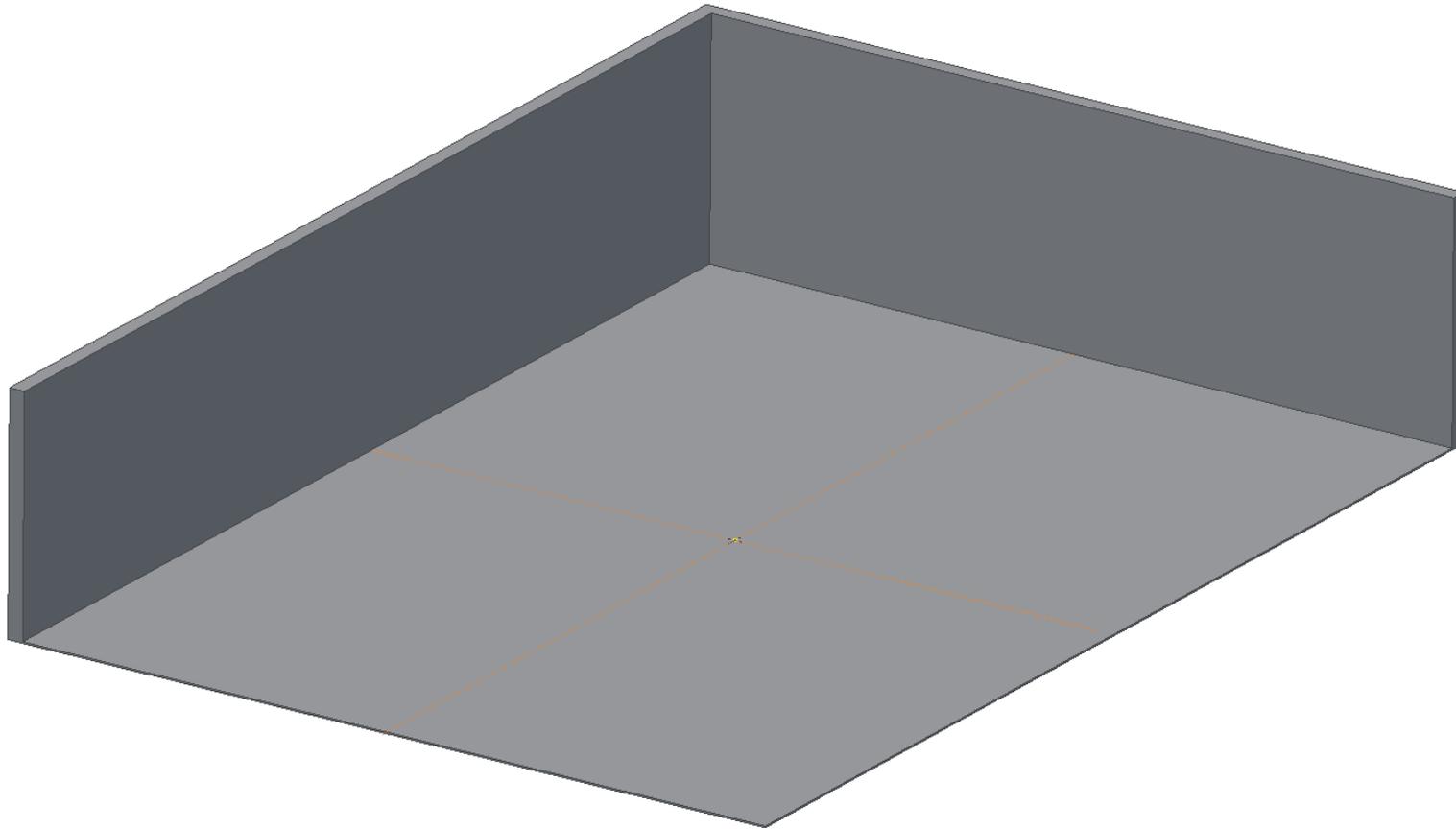
Dry and suitably prepared calcium sulphate screeds e.g. anhydrite must be primed with STOPGAP P121 - refer to STOPGAP P121 data sheet for further information.



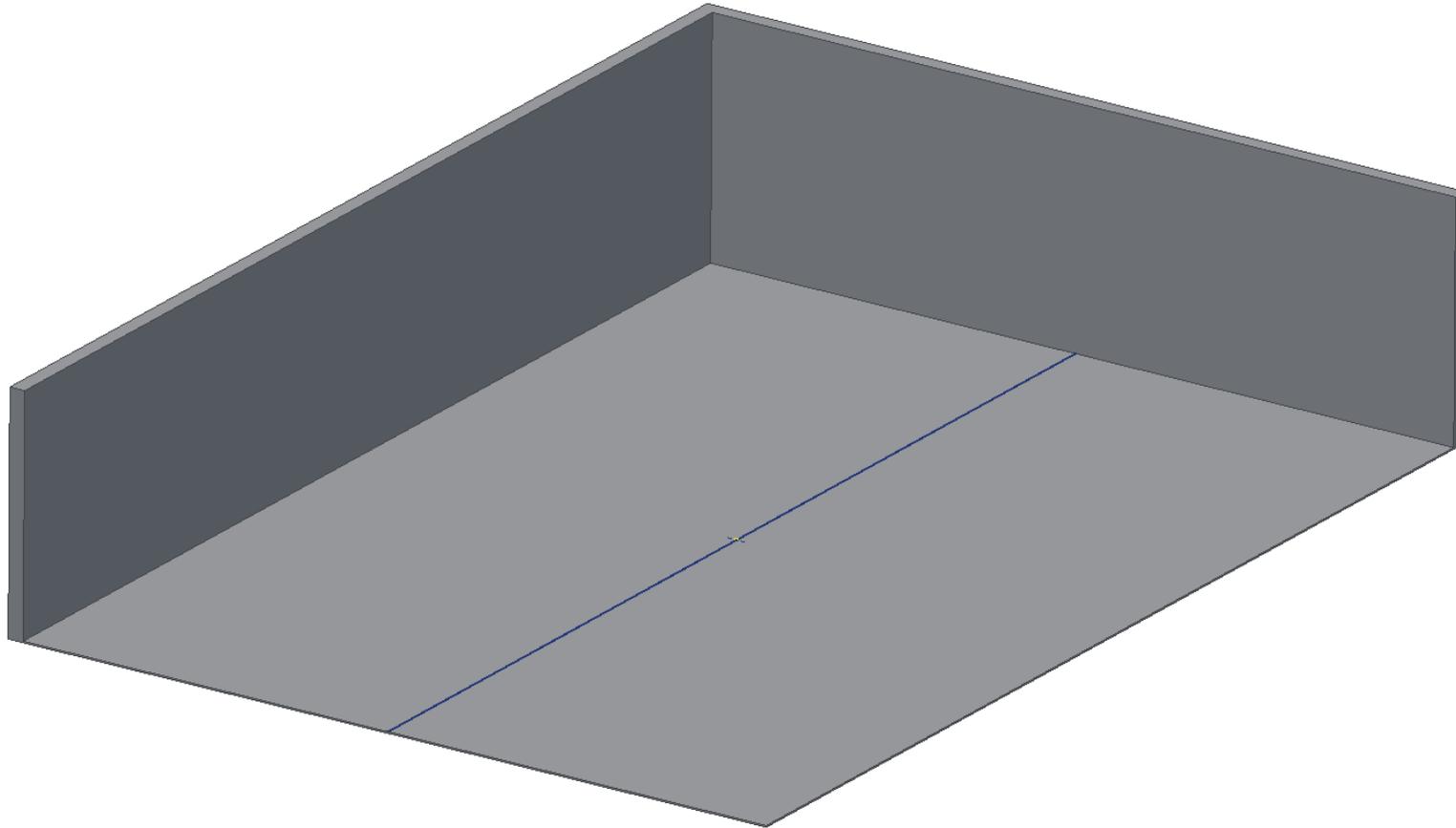
1.1 Measure the dimensions of the room



1.2 Ascertain the centre point of the room



1.3 Using this centre point, establish a North-South (NS) chalk line on the floor.



1.4 This chalk line will be the guide to follow when installing the first row of Origin rubber fitness tiles

# ADHESIVE APPLICATION

Site conditions vary and will have an impact upon the application characteristics of the adhesive.

Holding the trowel at an angle of 60°, spread the adhesive evenly over an area of subfloor that can be covered whilst the adhesive remains receptive and gives good transfer.

Allow the adhesive sufficient time to reach a wet pasty tacky consistency but still enabling full transfer to the back of the floorcovering. When installing tiles, leave the adhesive for approximately 10 minutes before placing the flooring – this will help to reduce the potential for sliding.

Following the floorcovering manufacturers installation instructions lay the floorcovering into the adhesive gradually expelling air using a cork board. Press from the centre outwards using a cork board or carpeted STYCCOBOND GLYDA to ensure the floorcovering is laying flat, as soon as the adhesive begins to secure the floorcovering, roll using a flooring roller, end-to-end and side-to-side to ensure overall contact. 30 minutes later when the floor has been completely covered roll as necessary to ensure overall contact is maintained.

## PRECAUTIONS

Surplus adhesive may be removed from the surface of the flooring whilst it is still wet, using a cloth dampened with water.

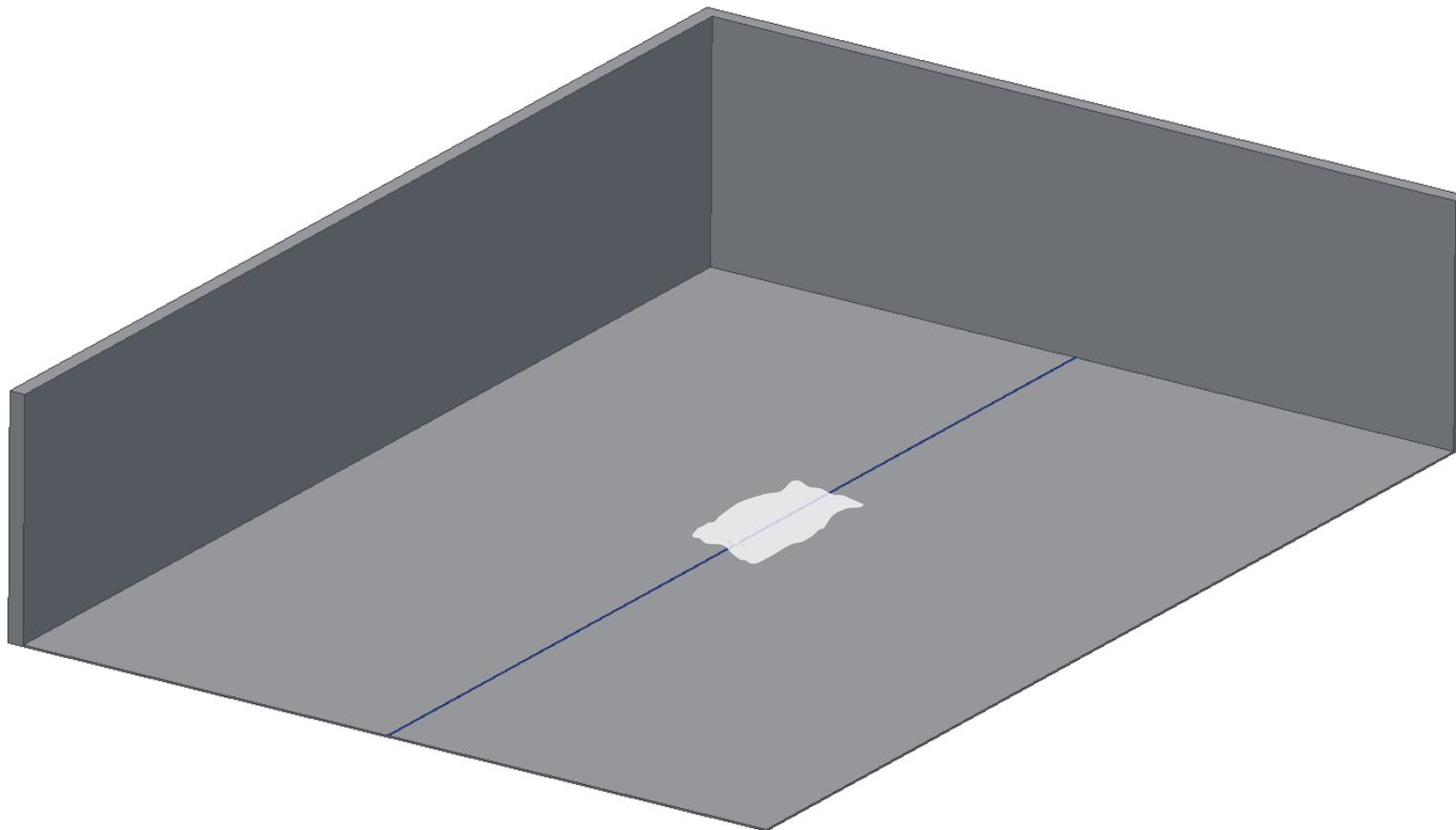
Allow the adhesive to dry overnight before commencing seam welding operations. Any air bubbles remaining beneath the sheet should be worked out using a cork board rather than continually rolling the floorcovering. Excessive use of a flooring roller on 2mm thick rubber floorcoverings whilst the adhesive is still wet will promote bubbling.

## Adhesive Required

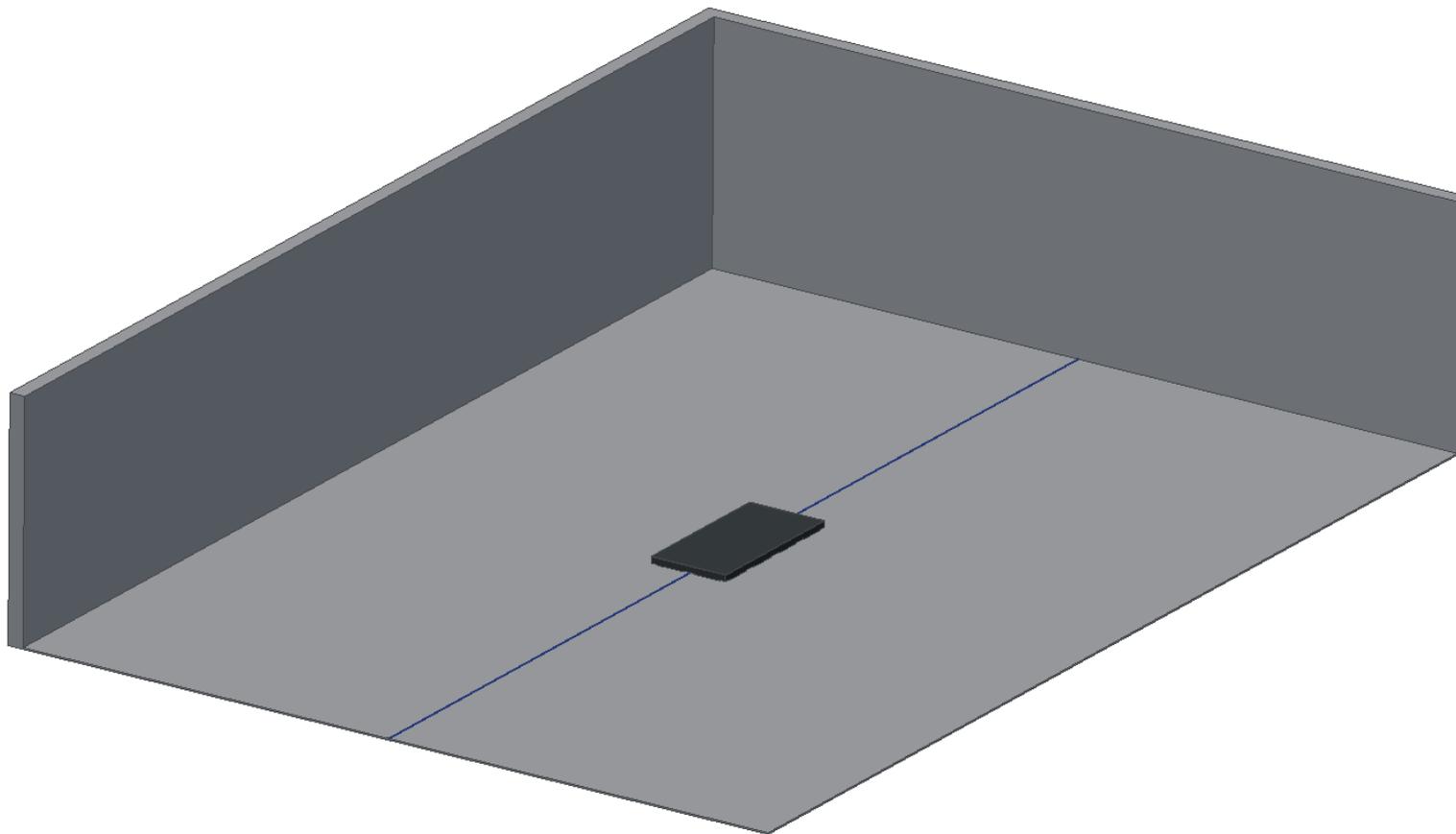
- F-Ball 58
- Data sheet available on website which has further usage instructions to help with installation if required

## Trowel

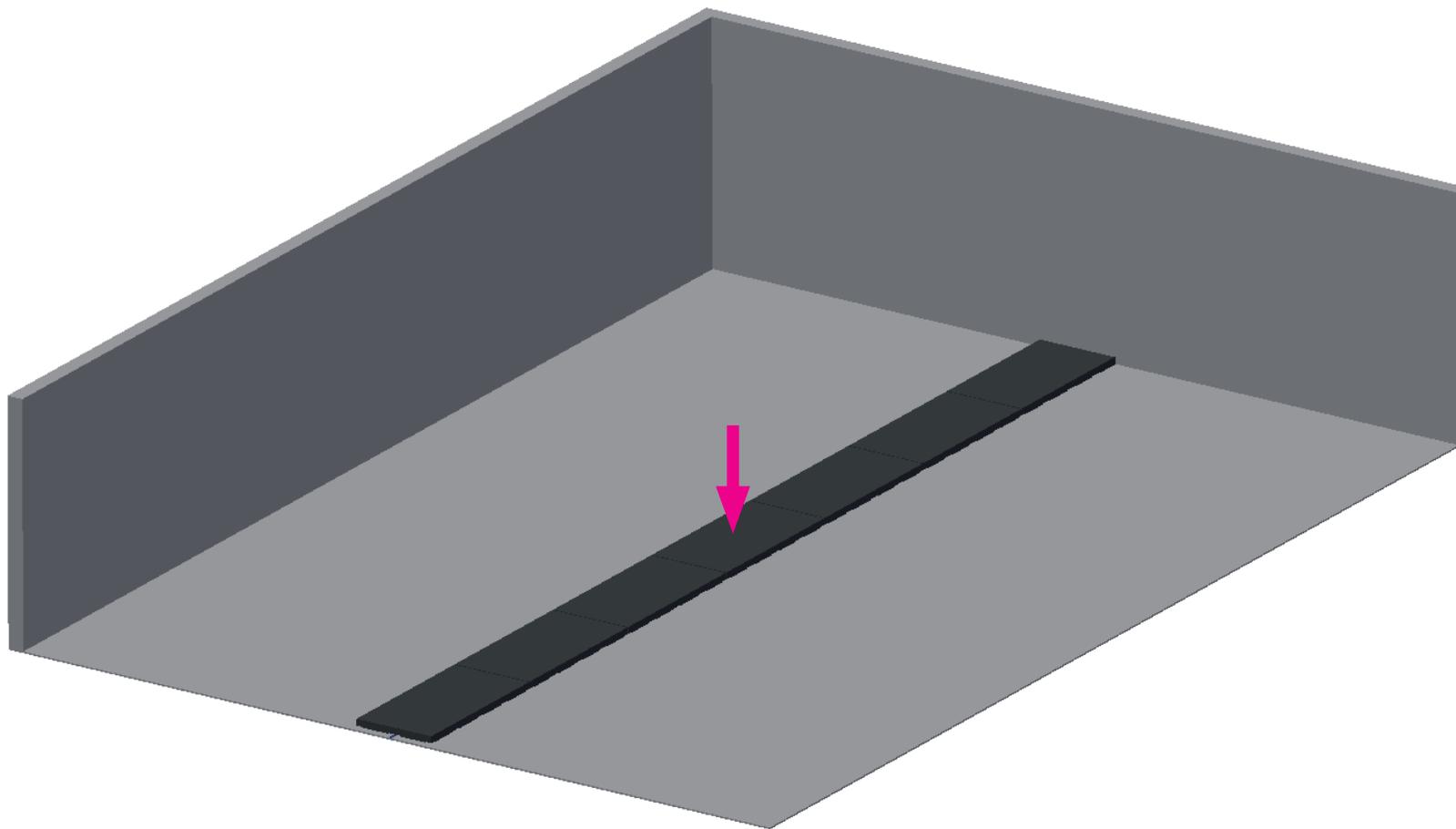
- **Styccobond A2 notched trowel**



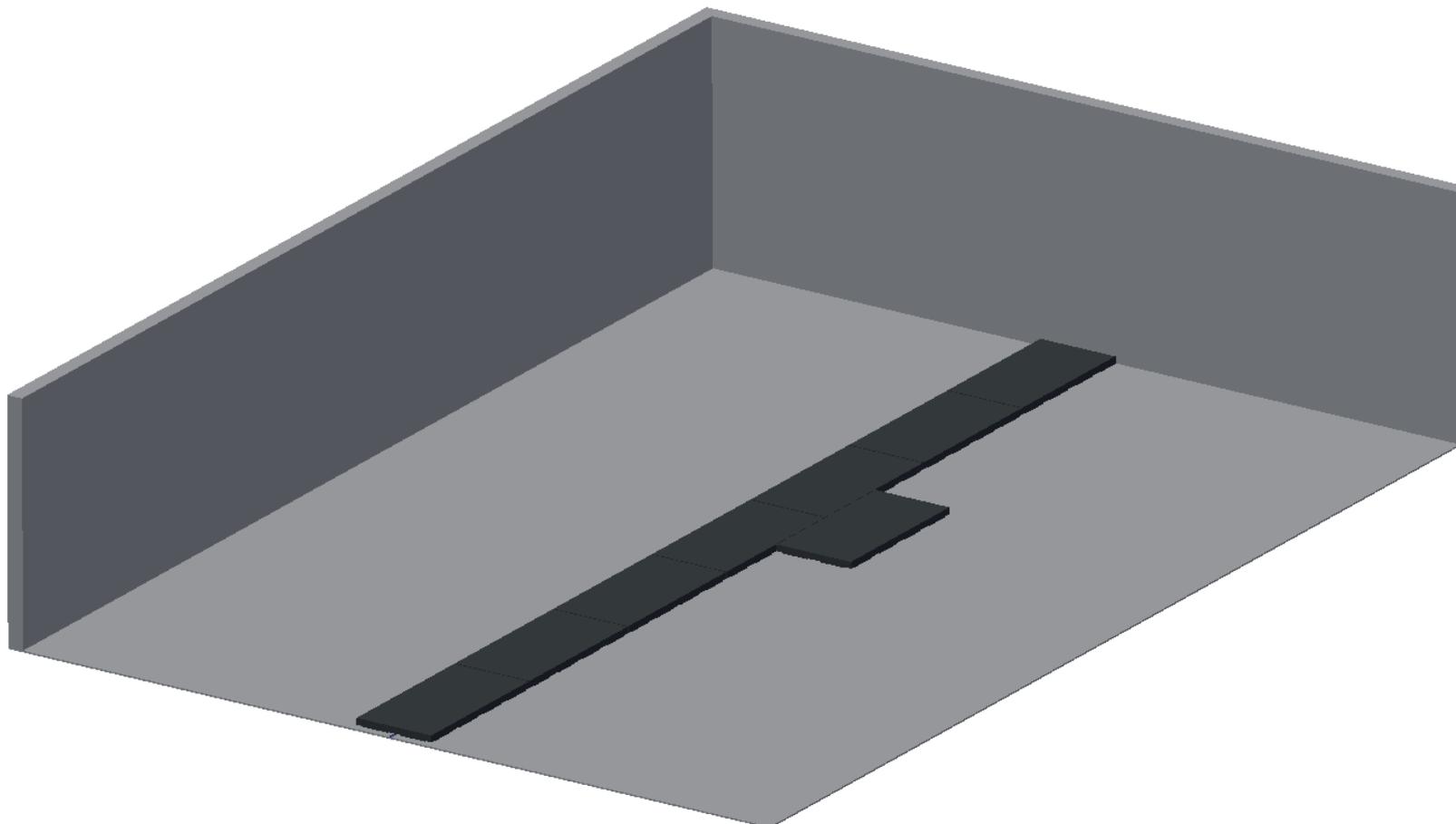
2.1 Spread a compliant adhesive evenly and at the recommended rate, do not overlap application of adhesive.



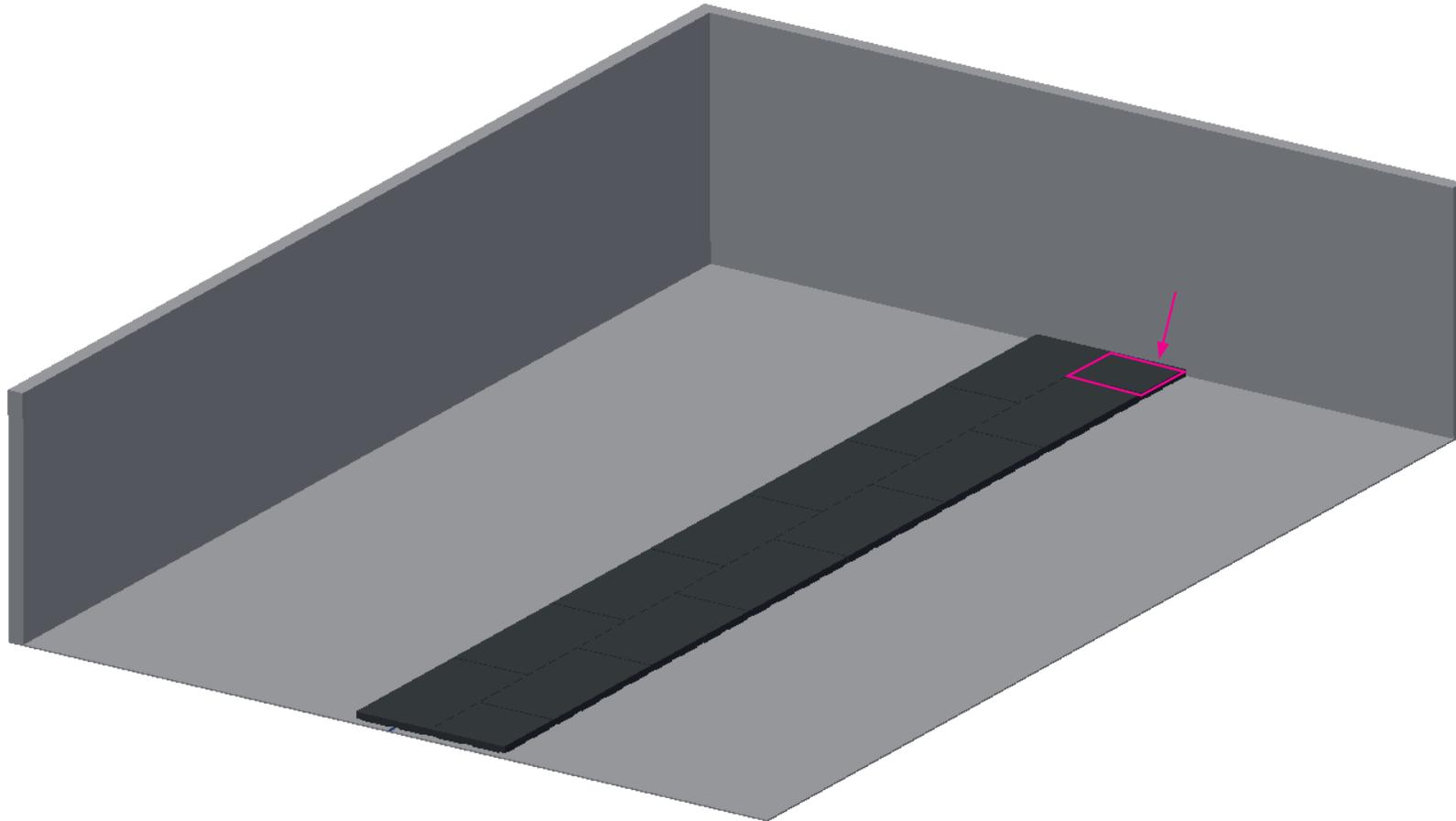
3.1 Begin laying the first row of tiles, ensuring the Origin logo (underneath) is facing the same way on all tiles. Follow the chalk line accurately, do not drag the Origin tiles across the surface of the adhesive.



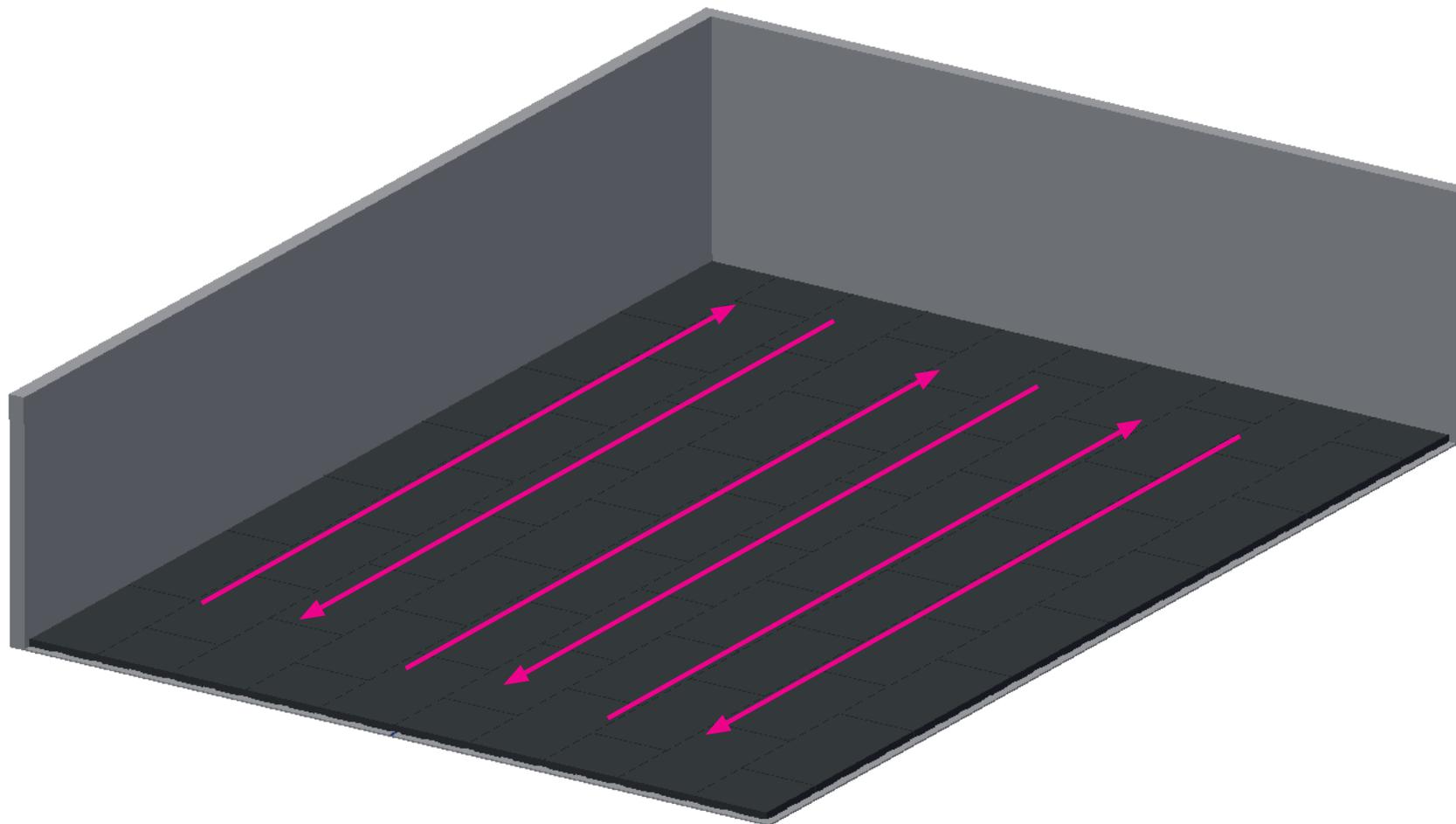
3.2 After the first row is placed and jointed, place a heavy weight (another floor tile will do) onto each tile to ensure that any trapped air is removed and the surface is fully adhered.



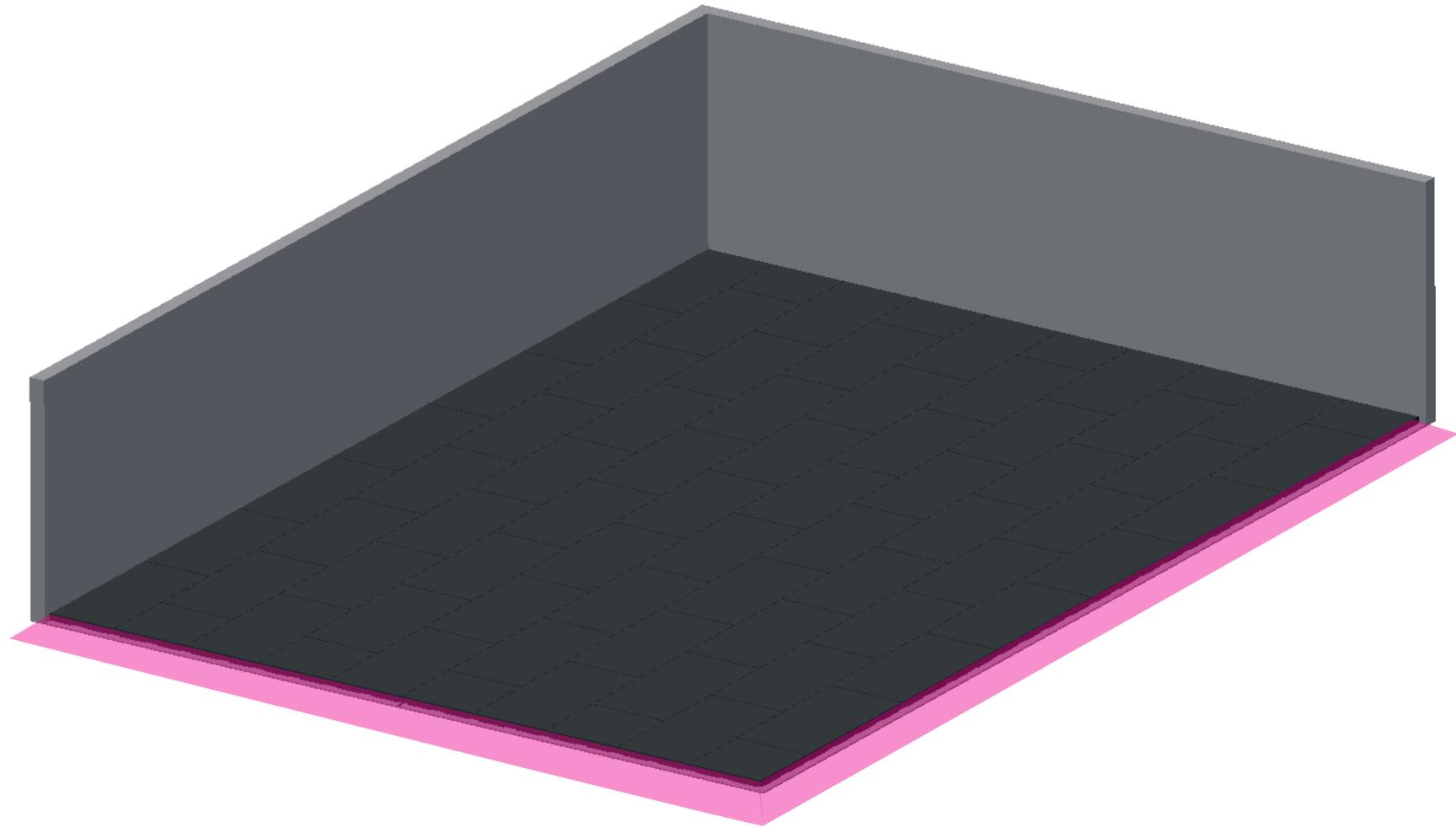
4.1 Begin laying the second row of tiles. It is advisable to lay the second row staggered (brick fashion) in relation to the first, ensuring that no four corners meet.



5.1 Certain situations may require tiles to be trimmed.



6.1 Roll surface repeatedly for two hours/until adhesive has set. Allow adhesive to fully cure before applying any finish or allowing general traffic.



7.1 Install and glue edging strips as required