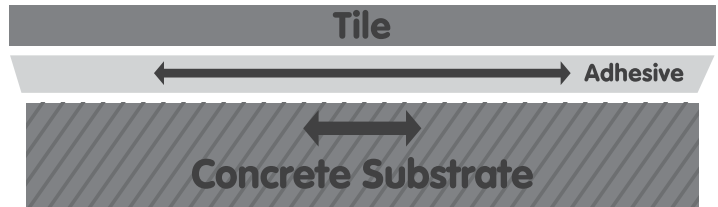


HOW TO LIMIT THE CRACKING AND LIFTING OF TILES

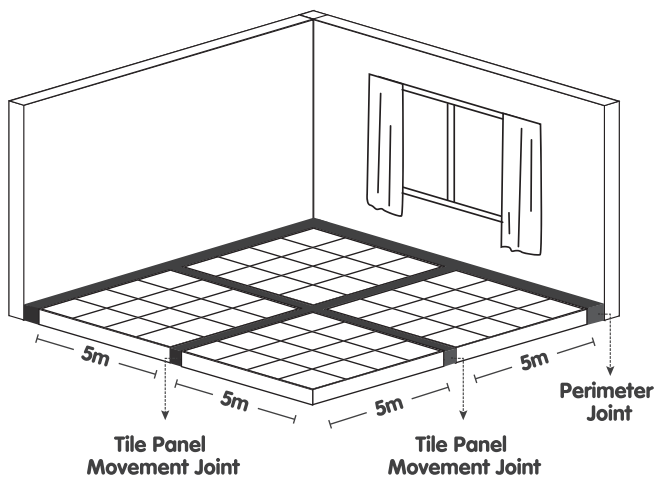
There are many reasons why tiles crack and lift. Mostly though, this occurs when:

1. The adhesive & grout used did not have sufficient flexibility to allow for building and/or thermal movements.

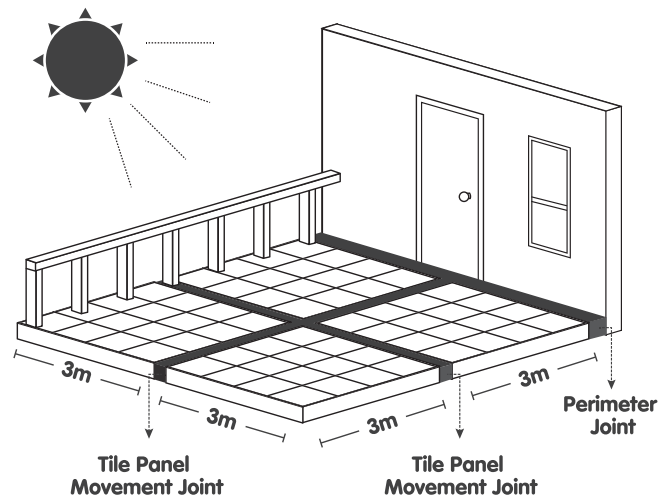


2. The tile panel movement joints weren't constructed properly. These also allow for building and thermal movement. These are flexible, or 'soft' joints located at maximum 5m centres for interior surface bed applications, 3m centres for suspended and exterior applications, as well as around the perimeter of all floors.

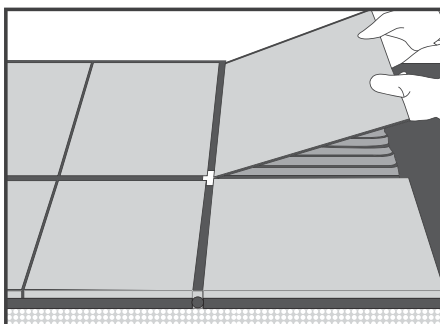
INTERIOR TILE PANEL MOVEMENT JOINTS



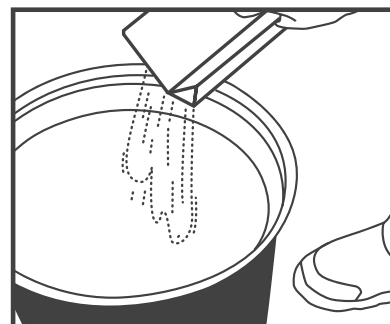
EXTERIOR TILE PANEL MOVEMENT JOINTS



To prevent this happening we recommend you:

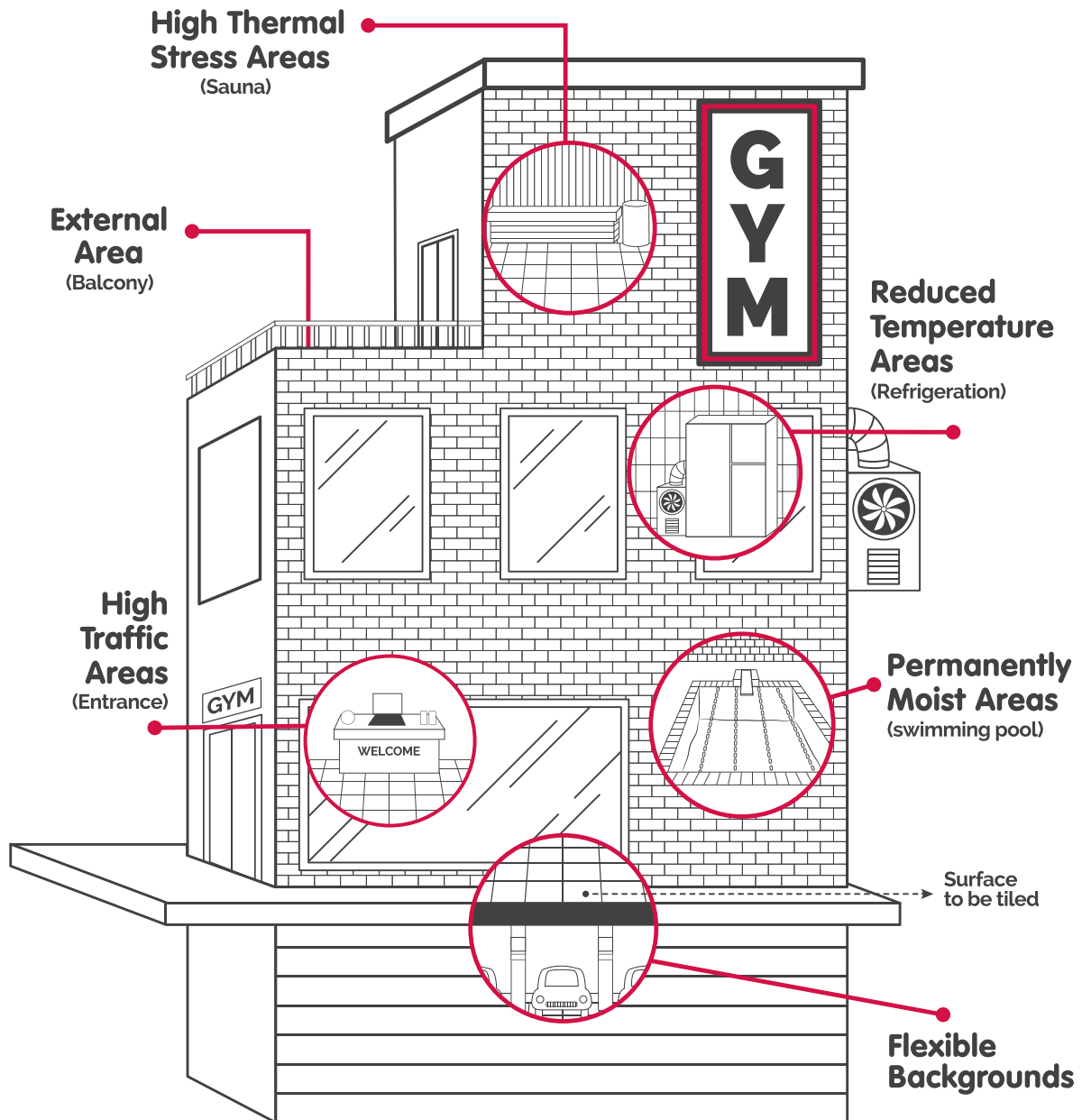


Ensure your tiler constructs tile panel movement joints.



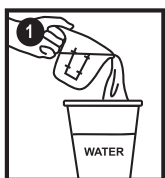
Add TAL Bond Powder to the adhesive and grout mixing water, as this will enhance their flexibility and bond strength (and water resistance).

Add Bond Powder to the adhesive and grout mixing water when tiling the following areas:

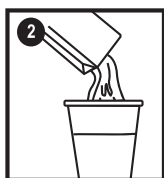


TAL Bond Powder is easy to use, follow these steps

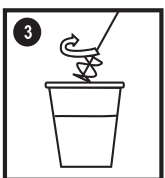
We recommend the following mix ratios:



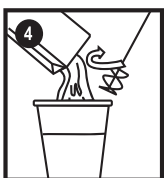
1 Pour required amount of water into a mixing bucket



2 Add the required amount of TAL BOND POWDER to the water



3 Mix thoroughly with a mechanical mixer



4 Add TAL adhesive or TAL grout. Use a mechanical mixer & mix well to ensure uniform dispersion

full bag



1kg bag for every 20kg adhesive or grout

half bag



500g (half a bag) for every 5kg bag of grout

¼ bag



250g (quarter bag) for every 2kg bag of grout

Need tiling advice?
Phone our TAL Technical Advice
Centre: 0860 000 TAL(825)

www.tal.co.za

