



TECHNICAL SUPPORT

## Technical Bulletin

### Adhesives to meet special requirements

IVC Moduleo manufacture various types of floorcovering from sheet materials to individual plank and tiles.

Recent changes to the New Zealand Building code and the requirement for flooring within 1.5m of a water source to be impervious, unaffected by water sprays and spills, require the use an adhesive that is unaffected by moisture. An example of just such an adhesive is given below. The Moduleo LVT itself would be unaffected by water spills or sprays. In all cases, it is best practice to remove spills as soon as possible.

Occasionally, we are asked to liaise with adhesive manufacturers to offer a system solution for individual projects. An example would be an ongoing project that involves the installation of Moduleo Dryback LVT into a series of UK care homes for the elderly. The requirement was for an adhesive that is unaffected by moisture and urine.

On the advice of Ardex UK, they have recommended the use of ARDEX AF2525 for the above scenario and installation. This is a 2-component adhesive that must be mixed at the time of use and used within its open time as per the manufacturer's instructions. It can be used externally, including installing artificial grass, therefore can withstand permanent moisture and will not breakdown. Using the adhesive as recommended by the manufacturer and ensuring total coverage of the subfloor, provides the qualities required by the specifiers of the project, i.e. a combination of LVT and adhesive that will be unaffected by moisture or urine from above.

The longevity and success of any installation is dependent upon the quality, suitability, and condition of the subfloor the floorcovering is installed on to. All necessary moisture testing, appropriate moisture control of residual moisture and subfloor preparation should be undertaken before installation of the final flooring, using suitable preparation products. The recommendations of both the relevant countries Standards (e.g. NZS AS 1884:2013, BS 8203:2017, etc) and the installation instructions of the floor covering should be adhered to. If there are any discrepancies between the two, the most stringent of the two should be followed.

Other adhesive manufacturers have similar adhesives that will perform as required. Always check with the adhesive manufacturer for compatibility with IVC Moduleo products.