

case study

Templeside, High Wycombe, Bucks.

Product installed:

InstaLay 65

Developer:

Millgate Homes

Main contractor:

Millgate Homes



Templeside, a new development of 12 flats in two separate three storey buildings, was the first to use the InstaLay 65, a high performance resilient membrane designed to reduce the transmission of impact sound through floor screed applications.

Manufactured from recycled rubber it eliminates the risk of collapse and creep under high point loads therefore delivering long term durability and performance against the transmission of impact sound.

Over 600m² of this durable layer were laid over a 150mm concrete plank before 65mm of screed was applied. Pre completion test results complied with Building Regulations and formed part of the InstaCoustic Robust detail candidacy.

Test results were:

Airborne: 53dB $D_{nT,w}+C_{tr}$ (Building Regs. = not less than 45dB $D_{nT,w}+C_{tr}$)

Impact: 54dB $L'_{nT,w}$ (Building Regs. = not more than 62dB $L'_{nT,w}$)

CS29