

CDM-QDECK is a high performance acoustic floating floor deck system. The system has a high bending stiffness for limited built-up height and therefore is well suited for transit areas inside buildings like parking, supermarket and warehouse application types.

System features:

- High performance floating floor system for concrete and light wooden construction (joist floor) with large support spans
- Available in two standard grades, depending on the performance request: CDM-QDECK-30 and CDM-QDECK-50
- CDM-QDECK performances:  $R_w$  up to 75dB (STC up to 75dB),  $L_{nw}$  as low as 35dB (IIC up to 75dB) and  $\Delta L_{nw}$  up to 45dB ( $\Delta$ IIC up to 45dB)
- Can be changed to meet the project specifications in terms of natural frequency and damping requirements,  $L_{nw}$  (IIC) or  $R_w$  (STC)
- High bending stiffness specifically for both restricted build-up height and limited extra weight applications
- Extremely quick to install resulting in a cost effective solution
- Sustainable and a wide list of applications with proven performance
- CDM-QDECK steel parts are hot-dip galvanised

The following information is required to enable our engineers to determine which CDM-QDECK system is required:

- Weight of the floating floor to be supported
- The type of use and the imposed dead and live loads on the floating floor
- The required system natural frequency or sound insulation performance criteria (like  $L_{nw}$ ,  $R_w$  or IIC, STC)
- Possible floating floor limitations such as available space or extra weight

