SPECIFICATION QUESTIONAIRE - ENGLAND AND WALES

Introduction:

The changes to Approved Document E of the Building Regulations with regard to sound transmission between dwellings came into force on 1st July 2003, with pre completion testing for new build flats and dwellings effective from 1st July 2004.
The 2003 revision of Approved Document E has placed a greater burden on the overall floor and ceiling construction to meet increased performance standards. Consequently, it will be necessary to have an appropriate combination of floating floor, structural floor & ceiling system to satisfy the performance criteria. J Danskin & Co Ltd do not undertake the design of overall floor and ceiling constructions. However, as a manufacturer of floating floor systems, we need to understand the environment in which our products are to be used and the information supplied below will assist us in providing an appropriate floating floor specification suited to the customer's design requirements. Please complete the questions below and return this document to Danskin's sales team.

Project Name: _____ **Company Name:** _____

Form Completed by: _____ **Position:** _____

1 Building Regulations

Please confirm the version of Approved Document E relevant to your project

1992 ☐ 2003 ☐

Please indicate the type of project:

New Build ☐ Material Change of Use ☐

Describe the type of development e.g flats, student accomodation etc ☐

In accordance with BS6399 part 1: 1996 the following residential loadings normally apply

Distributed load 1.5 kn/m2 Concentrated load 1.4 kn

If higher loadings are anticipated in any part of the development please state these below.

Distributed load ☐ Concentrated load ☐

2 Design

Please state the type of design which you intend to construct.

Approved Document E Guidance Floor Type 1, 2 or 3 Type: ☐

Robust Detail Type E-FC-1, E-FC-2,E-FC-7, E-FT-1, E-FT-2 , E-FT-3 or E-FS-1 Type: ☐

Own Design ☐

What is the desired floating floor height from the high point of the subfloor ☐ mm

3 Structural frame construction (Please tick appropriate box)

Concrete/Masonry ☐

Steel ☐

Timber ☐

4 Subfloor specification

Concrete: Please tick appropriate box and describe thickness, mass (kg/m2) and finish (power floated, tamped, screed)

Insitu ☐

Insitu + steel shuttering ☐

Pre cast plank ☐

Beam & Block ☐

Description: ☐

Timber: Please tick appropriate box and describe joist depth, joist centres, type of safety deck and mineral wool insulation.

Standard Joists ☐

TGI Joists ☐

Metal Web Joists ☐

Independent Floor & Ceiling Joists ☐

Description: ☐

5 Ceiling specification

Please tick appropriate box and describe the thickness and type of plaster boards and depth of ceiling void.

Direct fix ☐

Suspended ☐

Resilient Bar ☐

Independent ☐

Battened ☐

Counter-Battened ☐

Description: ☐

1 Netherton Road, Wishaw ML2 0EQ. Tel: 01698 356000 Fax: 01698 372222 Email: enquiries@danskin.co.uk

COMMITMENT

The aim of J Danskin and Co Ltd is to correctly interpret our customer's requirements and produce appropriate evidence that our floating floors are suitable for use within the customer's design. Where the customer requires specific acoustic design advice we will be pleased to assist in sourcing advice from a suitably qualified professional. We set out below the type of evidence which will generally be necessary to justify the inclusion of our products in each set of circumstances.
Floating floor treatments are only one part of a separating floor structure and the correct installation and workmanship of the total construction is essential to ensure satisfactory acoustic performance.
Any evidence provided is dependent on the project particulars and is subject to the satisfactory completion of the data required on the questionnaire overleaf.

APPROVED DOCUMENT E 1992

(Pre-completion testing not required)

Guidance Constructions

Floor Type 1	Where available, test evidence to demonstrate product or system rated to Delta Lw 17dB
Floor Type 2	Where available, confirmation that products comply with guidance specifications.

Non Guidance Constructions

All floor types	Where available, test evidence of a similar construction demonstrating performance above the minimum standards. Customer to agree with Building Control whether this evidence is sufficient.

APPROVED DOCUMENT E 2003

(All constructions are subject to pre-completion testing)

Guidance Constructions

Floor Type 1	Where available, test evidence to demonstrate product or system rated to Delta Lw 17Db
Floor Type 2	Where available, test evidence to demonstrate product or system rated to Delta Lw 29db

Non Guidance Constructions

All floor types	Where available, test evidence of a similar construction demonstrating performance above the minimum standards. Customer to agree with Building Control whether this evidence is sufficient.

ROBUST DETAILS (RD)

(Exempt from pre-completion testing)

All RD's	Where available, test evidence to demonstrate product or system rated to Delta Lw level specified in relevant RD document

Proprietary Acoustic Systems Manufacturers Association Statement:

Approved Document E 2003 introduces a new unit of measurement for airborne sound which places more emphasis on low frequency performance. Due to the inherent difficulties of measuring low frequency noise a significant tolerance on the accuracy of airborne sound tests should be expected. In practical tests PASM have witnessed relatively large variations in airborne sound results by different measurement contractors on the same floor. Site conditions and workmanship can also limit reproducible results. Therefore previous results should be viewed as indicative performance only.

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