

innovative & effective

The new damping system for improving
dynamic performance in steel framed buildings

RICHARD LEES STEEL DECKING

Richard Lees Steel Decking Ltd
Moor Farm Road West, The Airfield, Ashbourne, Derbyshire DE6 1HD, UK.
Tel: +44 (0) 1335 300 999 Fax: +44 (0) 1335 300 888
www.rlsd.com Email: rlsd.decks@skanska.co.uk



The only analysis tool that can predict the damped floor response achievable with Resotec. Providing automatic stud and section design, Compos is the premiere tool for composite analysis and design.
Supplied by Oasys Ltd Tel: +44 (0) 191 238 7559
www.oasys-software.com

RICHARD LEES STEEL DECKING

The Headache of Sick Building Syndrome

One of the unfortunate, common side effects of modern lightweight structures is the vibration that can occur as people move around. It's more than just interesting patterns in your tea cup - vibration can affect computer images enough to stop people working, or can cause 'sick building syndrome'. Which means complaints from occupiers and headaches for you.

So What's the Answer?

You could increase the amount of steel and concrete in your beams or build more substantial floors - investing more time, more space and more money.

Or you could choose an exciting new product from Richard Lees Steel Decking.

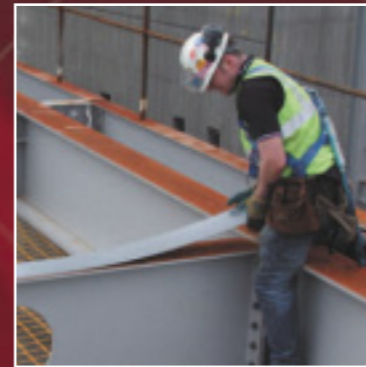
The New Solution

Innovative, highly effective Resotec really puts floor vibration in its place. It sits cleverly between the steel beam and metal decking to dampen movement between them. It is the result of long term research into the problem of vibrating floors, combined with intensive, high level development work by Richard Lees Steel Decking working with structural experts.

Test results were staggering: when two test floor slabs were built - one with standard composite flooring and one fitted with Resotec - Resotec reduced vibration by 50%. And it is already making a difference.

Small Size. Big Advantages.

- Little or no increase in structural depth
- Increase in damping effect: 1% to 3%
- Response factor of 4, compared with 'general' office response factor of 8
- Won't affect the visual appearance
- Will house sensitive equipment
- Higher quality space means greater rental income
- Ideal for open plan designs



A Winner from a Leader

You can use Resotec with the confidence that it is brought to you by the UK's market leader in steel decking. There are no limits and no compromise when it comes to new product development from Richard Lees Steel Decking - just the benefits of our extensive knowledge and experience that are now available to you through Resotec.

Reducing Costs Making Sense.

Plan for Resotec at concept stage to make the most of it. To find out how Resotec can work for you, call us on 01335 300 999 or e-mail us at risd.decks@skanska.co.uk It's one less headache.

