

R-Flor™ Radiant Barrier Flooring is the latest innovation in flooring by Carter Holt Harvey. Developed to deliver improvements in thermal comfort and energy efficiency of suspended flooring systems, R-Flor offers the builder and homeowner many advantages and benefits:

- ▶ Increases overall R-Value of floor system
- ▶ Improves thermal comfort
- ▶ Reduces energy use
- ▶ Greenhouse & environmentally friendly
- ▶ Fast & easy installation

Addressing energy efficiency compliance requirements, as is now required by the BCA and the likes of Five Star (Victoria) and Basix (NSW), R-Flor™ greatly reduces the heat transfer which can otherwise flow down through the floor and out of a temperature stabilised room above. This means that with R-Flor™ the warmth present in a room above is not lost to sub-floor below.

R-Flor is unique in that it integrates a high reflectance (low emittance) metallised foil with particleboard flooring to significantly reduce the radiative heat transfer

Radiant Barrier Particleboard Flooring R-FLOTM from Carter Holt Harvey

across a suspended timber floor and subfloor air space to deliver an improvement in the "Total R-Value" of the flooring system, yet enables flooring to be installed in the conventional manner delivering speed and ease.

Like Structaflor® and TermiFlor™, R-Flor™ is easy to install and ideal for residential suspended sub-floors systems built using the platform or fitted construction method, furthermore, flooring can continue to be installed in a manner consistent with the requirements of AS1860 Part 2: Particleboard Flooring Installation. Builders need no special equipment or tools and can avoid the hassles and concerns associated with using some under-floor insulation products. R-Flor™ is also termite treated for added protection.

The bottom line with R-Flor™ is that it saves time, materials, money and energy.

For more information or for a free copy of the R-Flor - Total R-Value Calculator contact Carter Holt Harvey on 1300 658 828 or visit the website at

www.chhwoodproducts.com.au

Solatube Daylighting Systems - Reduced Environmental Impact of Buildings is Vital for a Sustainable Future.

Many organisations operate primarily during daylight hours - incorporating natural lighting into the design of offices, warehouses, schools as well as residential buildings would ultimately result in a reduction of carbon emissions – due to minimised power consumption for air conditioning, heating and electrical light usage during the day.

Supporting the energy saving movement globally through its daylighting systems, Solatube are the only company that now offers a solution that provide not only controllable, measurable and consistent light performance but also proven low glare and reduced heat gain.

Solatube's latest tubular daylighting device has been specifically designed to be the most energy efficient 'skylight' on the market, and is a unique way of using sunlight and its natural energy to brighten every environment naturally, says Solatube General Manager Mark Peall.

But there are more benefits to daylighting than energy savings. Natural lighting should be a significant consideration in optimising staff efficiency, enhancing

the retail sales environment and improving health and wellbeing in workplaces and homes.

Independent research has proven that businesses using Solatube's latest natural lighting technology gained in productivity of up to 16%, including decreased absenteeism and improved quality of work. "Companies spend an average of 70 times more money on salaries than on energy, therefore an increase of just 1% in productivity can result in savings that exceed the company's entire energy bill."

Most schools in the Netherlands have naturally lit classrooms, less for the students than for an awareness of how important it is to maintain the most productive and healthful workplace for teachers. However, even students benefit from the positive human benefits of natural lighting. A recent study conducted by Hescong Mahone Group tested 21,000 students in three U.S. states and found that those in classrooms with the most daylighting scored 20% higher on math tests and 26% higher on reading tests in one year than those with the least.