



# SUSTAINABLE SAVINGS AND UNBELIEVABLY LIGHT

THE MORE SUSTAINABLE WAY  
TO MAKE SPC PANELS





**i4F Be-Lite® is exclusively available from i4F - a group of companies providing patented technologies that are revolutionizing the flooring industry, and beyond.**

**We are passionate about bringing meaningful technologies to market, and there is nothing more important than a greener future.**



# Bee prepared to bee impressed



**i4F Be-Lite** is a new, patented technology that enables a significant reduction in the use of core SPC raw materials during the manufacturing process of decorative panels without compromising on performance. Because SPC panels produced using i4F Be-Lite are significantly lighter, it is a lot less expensive to make and transport them.



**i4F Be-Lite** significantly improves the flooring industry's carbon footprint while remaining attractive to manufacturers by also delivering costs savings. That makes a meaningful difference and is truly a win:win for the industry and the planet.



**i4F Be-Lite** is exclusively available via an i4F license as part of its portfolio of sustainability-focused process technologies.



**i4F Be-Lite** technology is the result of a patent partnership with CFL Flooring.

# So what's all the buzz about?



**Reduce** the use of total core materials by up to a whopping **20%**



**Cut** transport costs by **AT LEAST 6%** across the whole supply chain

**Slash** **AT LEAST 5% off** the cost of raw materials, **per panel**

# Lighter SPC panels

**i4F Be-Lite** is a thermoforming technology that, depending on panels' core thicknesses and i4F Be-Lite shape selected, uses up to 20% less raw materials **during** the panel core manufacturing process. This differs to other existing material savings techniques that remove and recycle materials **after** the panel production process, creating more costs and CO<sub>2</sub> emissions linked to transport and recycling of scrap.



**The resulting, lighter SPC panels maintain optimum performance while easily reducing at least 5% of a panel's total manufacturing raw material costs as well as decreasing transport costs by at least 6%.**

# Get this:

**Manufacturers** get to save on material waste and costs. They also get to reduce their carbon footprint since no extra energy is needed to produce these lighter panels which are also less expensive to transport.

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**Distributors** and retailers get to save at least 6% on shipping costs, as fewer containers are needed to ship the same amount of panels. They also get to reduce their carbon footprint.

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**Installers** get to save energy and back pain. Lighter SPC panels are more comfortable to install and transport.

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**Consumers** get to enjoy all the benefits of rigid, resilient flooring with a reduced impact on the environment.

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**Bees** get to keep on buzzing around and doing their thing to help preserve our planet.



... And that's the most important saving of all!

## i4F Be-Lite doesn't cost the Earth

Switching to i4F Be-Lite® technology for sustainable SPC panel production brings **big rewards**, with a relatively low investment. Based on the number of panels most manufacturers produce, **this investment can be earned back within two weeks.**

### An unbelievably mind-blowing fact:

If all the SPC panel manufacturers in China, Vietnam and Korea used i4F Be-Lite technology, thousands of containers LESS would need to be shipped, per year. That means BIG savings on shipping costs, and millions of kg of CO<sub>2</sub>\* emissions LESS in our atmosphere.

### Unbelievable savings for everyone



LESS Waste



LESS Costs



LESS Co<sub>2</sub>



LESS Impact



**BEE KINDER TO  
THE PLANET  
WITH i4F BE-LITE®**

THE MORE SUSTAINABLE WAY  
TO MAKE SPC PANELS



**i4F** | **PROCESS  
TECHNOLOGIES**