



PATENTS & TECHNOLOGIES

## NEWS RELEASE

### 新闻通稿

FOR IMMEDIATE RELEASE – WEDNESDAY JANUARY 23, 2019

即时发布：2019年1月23日

## **I4F obtains new patented technology saving manufacturers up to 10% on materials during the production of rigid polymer boards**

### **I4F 获得新专利技术，为制造商在生产塑料板材时节省 10% 的材料**

- *Technology optimizes extrusion process to increase productivity levels in fast growing market*
- *技术优化挤出工艺，在快速发展的市场中提高生产力水平*

TISE, Las Vegas, USA – I4F, a group of companies providing patents and technologies to the flooring industry, today announced the availability of a patented technology enabling manufacturers to save up to ten percent on materials during the production of rigid polymer boards. The technology also enhances productivity by optimizing the extrusion process during the production of rigid polymer boards, including expanded polymer core (EPC) and solid polymer core (SPC) panels.

美国拉斯维加斯 TISE，实时报道： I4F，一家为地板行业提供专利和技术的集团公司，今日发布一项新的专利技术，为制造商在生产塑料板材时节省高达 10% 的材料。该技术还通过优化塑料板材（包括 EPC 和 SPC 板材）生产过程中的挤出工艺来提高生产率。

John Rietveldt, I4F's CEO, comments, "Sustainable material savings are good for the industry and our planet! Furthermore, materials represent one of the largest cost factors when it comes to extruded flooring products. This proven technology is a solid addition to our strong portfolio, comprising over 2,000 patents, as it fits perfectly in our 'Manufacturing Processes' patent cluster. Manufacturers can now benefit from increased productivity gains during the production of rigid boards and have the opportunity to make significant savings on material costs."

I4F 的首席执行官 John Rietveldt 说：“可持续的材料节省对我们的行业和地球家园都大有裨益。与此同时，材料是挤出地板产品中最大的成本因素。这项成熟的技术给我们丰富的、包含 2000 余项专利的专利组合带来重要的加成，它同时也完全符合我们的‘生产过程’专利族。制造商们可以从塑料地板生产过程中不断提升的生产率中获利，并且有机会大幅度节约材料成本。”

## ends ##

## 结束 ##

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**About I4F/ 关于 I4F:**

*I4F is an innovations group focused on the development of patents and technologies for the flooring industry. Its portfolio includes IP for flooring installation and wall mounting systems, material compositions, surface treatment as well as laminate and board production technologies. I4F has strategic partnerships with the industry's most important IP players, including Classen, Kronospan, UWC and Kowon. The company's flagship technologies, 3L TripleLock and Click4U, provide a unique one piece drop-lock installation technique for flooring panels that eliminates the need for an additional insert on the short side. The solution is suitable for laminate, luxury vinyl tiles, wood plastic composite, rigid core flooring, multi-layer flooring and wooden flooring panels. International patents and patent applications for I4F's technologies have been granted and filed in over 100 countries worldwide.*

*I4F 是一家致力于地板行业专利和技术研发的高新技术集团，其专利组合包括地板安装和墙式安装的知识产权，材料成分，地面处理以及层压板生产技术。I4F 与行业内顶级的知识产权大咖 Classen, Kronospan, UWC 及 Kowon 建有战略合作关系。公司的旗舰技术 3L 锁扣技术和 Click4U 锁扣技术为地板安装提供了独一无二的整体式直落锁扣安装技术，从而减少了短边安装有额外插入的需要。该技术适用于复合地板、豪华乙烯基砖、木塑复合地板、刚性地板、多层地板和实木地板。I4F 已经在全球 100 多个国家为其相关技术申请了专利保护。*

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