

Awarded Items

Korea Forest Service

Competition for export promising forest products

2019

Overview of Awarded-Winning
Export Promising Wood Products

[Grand Prize]

Color Eco Boards - FORESCOLOR

[Gold Prize]

Flame-retardant Hinoki Wall and Ceiling Finishing Materials, flame-resistant Hinoki HPM Flooring, and Undiluted phytoncide essential oil and phytoncide extract



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Foresco Co., Ltd.,

established in 1976 with a vision of “3G’s”(green, global, and grade), specializes in medium-density fiberboards(MDFs). The company uses waste materials and raw materials of little value to produce industrial MDFs. Hence, Foresco is an environment-friendly business that produces value-added products by effectively using natural forest resources.

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Natural dyes to add colors and flame retardancy Color Eco Boards - FORESCOLOR

FORESCOLOR offers the only color boards produced in Korea. They are high-quality wood panels: eco-friendly natural dyes applied to domestic pine fiberboards. The natural wooden texture and even color inside and out allow for a variety of three-dimensional designs. FORESCOLOR Color Eco Boards are currently available in 9 colors and are eco-friendly, moisture-resistant, and machinable. Flame retardancy can be added if desired.

Product Information

- **Main materials**
Domestically-grown pine fiberboards, natural dyes
- **Advantages**
Consistent color inside and out, non-toxic(E0), machinable, moisture-resistant, and flame-retardant
- **Uses**
Eco-friendly, high-end interior decoration, furniture, small decorative items, children’s toys and more
- **Certificates and awards**
2014: Awarded US CARB (ULEF, NAF) and FSC-CoC certifications
2015: European CE System 2+ certification
2015: Korea Fire Institute Director’s Award
2016: Domestic EL 723 Eco Label certification
2017: Domestic EL 248 Eco Label certification and US EPA certification
2019: Selected as one of Seoul’s Global Hidden Champions
- **Minimum Order Quantity (MOQ)**
10 panels
- **Area of Production**
Incheon-si City, ROK

Foresco Co., Ltd.

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Tel. +82 32-715-5704 Fax. 505-302-4900
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Major product : Eco-friendly MDFs, flame-retardant MDFs, color eco boards (FORESCOLOR)





Flame-retardant timber

Flame-retardant Hinoki Wall and Ceiling Finishing Materials, flame-resistant Hinoki HPM Flooring, and Undiluted phytoncide essential oil and phytoncide extract

We are equipped with patented technology for manufacturing flame-retardant cypress louvers and flame-proof cypress plywood laminate flooring that are superior in their flame retardant, antibiotic, and antifungal properties. This technology is evaluated to have overcome the limits of the existing immersion method that was susceptible to warping and required a lengthy production period with just one application of the patented flame-retardant solution. We have also developed a variety of products, such as phytoncide essential oil and phytoncide extract, using phytoncide from cypress.

Product Information

- **Main component** : Hinoki timber with a very high phytoncide content
- **Advantages**
The patented flame retardant makes for high performance in flame resistance with a single application on timber, unlike existing retardants, allowing for greater efficiency in mass production. Application of its patented phytoncide concentrate, extracted from hinoki trees, renders timber flame-retardant, antibacterial, and antifungal.
- **Certificates and awards**
1988: Received first Wood Society of Korea award
2012: Selected as a top company at the Healthy Home Awards(Minister of Korea Forest Service Award)
2012: FSC certification: DNV-COC-000550
2015: Green Technology certification(no. GT-15-00242) 2015: Eco Label certification no. 13188(interior flooring)
2016: Quality Management System certification(ISO 9001), Environment Management System certification(ISO 14001)
2017: Patent no. 10-1768947(components and manufacturing of flame retardant for application on timber)
2017: Patent no. 10-1800724(flame-resistant timber applied with an antibacterial, antifungal flame retardant)
2018: Eco Label certification no. 18454(Wall, ceiling finishing materials)
2019: Patent no. 10-2007882(antibacterial, antifungal, and flame-resistant HPM flooring and its manufacturing method)
- **Minimum Order Quantity (MOQ)**
100 bundles(800 panels) or more
- **Area of Production**
Busan Metropolitan City, ROK

Dongyang Special Wood Corporation

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Major product : Flame-resistant/flame-retardant hinoki louver, hinoki HPM flooring,
undiluted phytoncide essential oil and phytoncide extract



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Dongyang Special Wood Corporation

leads in “well being” construction through development of advanced, eco-friendly construction materials. Its patented eco-friendly “Anta Wood” solution reduces the risk of fire. With a branch office in Japan, it enjoys product diversity and price competitiveness.

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