



Technical Textiles

Beaulieu Technical Textiles introduces the first halogen-free, flame-retardant groundcover for greenhouses

Comines-Warneton, Belgium, September 21, 2020 – Beaulieu Technical Textiles (BTT) is proud to announce its groundbreaking Agrolys® flame-retardant (FR) groundcover. It's the world's first woven halogen-free groundcover that is compliant with the Class 1 NTA 8825 norm for fire safety.

White groundcovers in greenhouses are highly light-reflective. As a result, they stimulate growth or coloration of fruit, vegetables, herbs, flowers and plants. This increases crop yield and quality due to the additional diffuse light from the ground. As such, these reflective fabrics form an integral part of any greenhouse construction.

“Greenhouses are about more than just crop yield. That's why we developed Agrolys to be both halogen-free and flame-retardant. The absence of halogens means Agrolys completely harmless to humans, and its flame-retardant properties help severely limit the spread of fire and smoke in case of an emergency,” explains Frederik Boutecca, General Manager of BTT.

Agrolys is the world's first halogen-free FR woven groundcover that meets the Dutch flame-retardant standard set out in NTA 8825 Class 1. In addition, it is compliant with the European normation EN 13501-1 Class B S1 to contain smoke and it also meets the American NFPA 701 National Fire Protection Standards.

“Agrolys takes a broad look at all kinds of environmental and health factors,” adds Mr. Boutecca. “Not only does it help grow crops, protect against fire and makes sure that greenhouse workers remain in good health, it is also 100% recyclable after its lifecycle ends.”

Agrolys WH FR is available in 100gr/m² and 130gr/m² varieties. It was designed and is currently produced at the Beaulieu Technical Textiles plant in Comines-Warneton, Belgium.

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Caption: Greenhouse constructions with halogen-free flame retardant reflective groundcovers

Beaulieu Technical Textiles

Beaulieu Technical Textiles (BTT) is a global woven fabrics expert for horticulture and is European leader for agrotextiles and geotextiles. It is part of Beaulieu International Group, a worldwide leader in engineered products, flooring solutions, raw chemical materials and textiles. BTT distributes across global network of wholesalers and dealers.

Member of Beaulieu International Group

Beaulieu International Group (B.I.G.) is a global specialist in raw chemical materials (polymers), semi-finished engineered products (yarns, fibres, technical textiles and technical sheets) and is a leader in a broad range of floor coverings for the residential and commercial markets (vinyl rolls, vinyl planks, laminate, parquet, carpet, needle felt, artificial grass and mats) as well as upholstery fabrics.

Headquartered in Belgium, B.I.G. employs almost 5,000 people across 29 plants, 20 sales and distribution offices, with a major presence in 17 countries all over Eurasia, the Americas and Oceania. The company achieved a 2019 turnover of €2 billion and is serving customers in 140 countries. True to its roots as a family business, B.I.G. puts sustainability, innovation and care for its employees central.

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