

PRESS RELEASE

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**Plant based films for building & construction:
Renewably sourced raw material distributed by FKuR
enables Tommen Gram to advance in greener
construction**



The use of biobased Green PE for the production of sustainable construction film used as moisture barrier keeping the properties of traditional materials is an example of a CO2 reducing solution.

Photo: © Tommen Gram

Willich, Germany July 2017 – The packaging supplier Tommen Gram/Norway has now launched a moisture barrier film for construction with an improved ecological impact as to CO2 emissions. The raw material used for this film produced by the Brazilian biopolymer manufacturer Braskem is distributed by the bioplastics specialist FKUR Kunststoff GmbH.

Compared to traditional fossil based solutions, the Green PE raw material sourced from sugar cane has the ability to severely reduce the carbon footprint of a product. The renewable content of the material is in this case above 94%.

Tommen Gram has always been a forerunner in its field, with a focus on research and packaging for food. Film for building & construction is also a product area covered by this company. With this new plant based film, produced in 0.15 and 0.2 mm thicknesses, and moreover SINTEF approved, Tommen Gram is in the position to contribute to a greener construction, helping to maintain an environmental balance, however with the same mechanical and thermal properties as with traditional fossil based barrier films. For more information on the SINTEF certification, see: www.sintef.no.

Promoting this bio-based solution as a sustainable alternative on the Nordic market is the aim of the company. Bjarne Högström, the local FKUR representative in Scandinavia, company Polymerfront AB, states: “In the building & construction business lowering CO2 emissions, achieving climate neutral solutions and thereby becoming more eco-friendly is a major topic. Not only energy is an issue to be looked at, but also materials should be considered as they can help in achieving these goals, thus being of high added value to the construction area”.

***Bioplastics** are a unique class of materials, which are based on renewable resources and/or enable the biodegradation of products made from these polymers.*

About FKUR:

The FKUR group is a medium-sized, privately held group of companies focusing on the development, production and marketing of high-quality special compounds and the distribution of plastic specialties.

The group currently includes FKUR Kunststoff GmbH, one of the leading suppliers of bioplastics compounds for flexible packaging solutions and engineering applications, and FKUR Polymers GmbH, specializing in the development and production of TPE and PP / PE compounds.

The product portfolio of the FKUR group comprises the FKUR Kunststoff GmbH product groups marketed as “Bio-Flex®”, “Biograde®”, “Fibrolon®”, “Terralene®”, “Terraprene®” as well as the FKUR Polymers brands “Macoprene®”, “Macolen® PE” and “Macolen® PP”.

The distribution business comprises the biobased PE "I'm green™" of Braskem, the biobased PET "Eastlon" of the FENC group, and the biobased PA "VESTAMID® Terra" of Evonik.

Further information: www.fkur.com and www.fkur-polymers.com

Tommen Gram is one of Norway's leading packaging suppliers, and has been in the market for almost 100 years. Tommen Gram was established by Hans Thomas Gram in 1919 and the name originates from the fact that Hans Thomas Gram was small of growth and therefore called "Tommen". The company was taken over by Trygve Rolseth in 1939 and Tommen Gram is still owned by the same family today. Marit Rolseth, daughter of Trygve Rolseth, took over as CEO in 1983 and is currently CEO of the Tommen Gram Group.

Tommen Gram has spent a lot of resources in cooperation with R & D environments in the last 10-15 years, both nationally and internationally, in order to be at the forefront of product development and product customization, all the time with the goal of creating an innovative solution, better profitability and value for both customers and the company.

R & D cooperation has provided the company with a great deal of expertise, which has made Tommen Gram a leading player in the packaging market both in Norway and abroad. The company currently has an export share of 20%.

The product areas are: aquaculture, seafood and food, agriculture and construction & industry products.

More information on: www.tommen.no



Changing packaging by innovation

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