



News Release

Ongoing, successful collaboration helps open the door to an award-winning application

Polyurethane balcony door from Inoutic wins “Innovation Award for Architecture + Windows, Doors and Facades”

Pittsburgh, July 9, 2014 — Inoutic, a member of the Deceuninck Group NV, was recently honored for a prototype of a balcony door with a profile depth of just 59 mm. This profile was pultruded by another member of the Deceuninck Group – Deceuninck North America – using the company’s innovative Rovex™ technology and polyurethane raw materials from Bayer MaterialScience LLC.

“For several years, Bayer MaterialScience LLC and Deceuninck North America have successfully worked together to advance applications for windows and doors,” said Filip Geeraert, president and CEO, Deceuninck North America. “Bayer’s collaborative nature has played an important role in helping our organization develop technologies that lead to new and innovative offerings, such as this balcony door.”

“Since inventing polyurethane chemistry more than 70 years ago, Bayer has continually applied its expertise to push the technology forward,” said John Hayes, principal scientist, Bayer MaterialScience LLC. “We utilize our dedicated, global customer development and support team to help open up new markets and new applications for our customers.”

Coupling together Bayer’s specially formulated grade of Baydur® PUL polyurethane and pultrusion know-how with Deceuninck’s expertise to design

and develop tooling, and rapidly pultrude complex shapes were keys to the success of the balcony door.

Strong yet lightweight, Rovex™ products are non-corrosive, non-conductive, and offer superior structural, thermal and environmental performance – all attributes that make it an excellent alternative to conventional materials, according to Deceuninck. Notably, the excellent thermal properties that can be achieved by using a polyurethane-glass composite can translate into energy savings for customers. This is particularly timely as thermal performance requirements continue to increase, such as the ENERGY STAR® Version 6.0 Residential Windows, Doors, and Skylights Specification, which will become effective in two phases, beginning Jan. 1, 2015.

The “Innovation Award for Architecture + Windows, Doors and Facades,” was presented to Inoutic by the European architecture journals *AIT* and *xia intelligente architektur*. Judges praised the “mechanical performance and process advantages” of the profile and were impressed with the slim line and design freedom with regard to the color and feel. The award was presented during Fensterbau 2014, a leading trade show in Europe for windows, doors and facades.

About Deceuninck North America:

Deceuninck® North America, LLC, part of the Deceuninck® Group, encompasses fully-integrated design, compounding, tooling, extrusion and quality assurance disciplines for the production of vinyl window and door systems and composite applications for the building industry at its corporate US headquarters in Monroe, Ohio. For more information, visit www.DeceuninckNA.com.

About Bayer MaterialScience LLC:

Bayer MaterialScience LLC is one of the leading producers of high-performance plastics in North America and is part of the global Bayer MaterialScience business with approximately 14,300 employees at 30 production sites around the world and 2013 sales of 11.2 billion euros. Bayer MaterialScience, a Bayer Group company, manufactures high-tech polymer materials and develops innovative solutions for products used in many areas of daily life. The main

segments served are the automotive, electrical and electronics, construction, medical, and sports and leisure industries.

Bayer Contact:

Bob Walker, Phone: 412-777-5200

Email: bob.walker@bayer.com

For more information about Bayer MaterialScience LLC's polyurethanes, call 412-777-7454 or visit www.bmsnafta.com.

Deceuninck North America Contact:

Elizabeth Bacheson, Phone: 412-642-7700

elizabeth.bacheson@elias-savion.com

For more information about Deceuninck North America visit www.DeceuninckNA.com

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