

Effective transport protection with Alveobloc

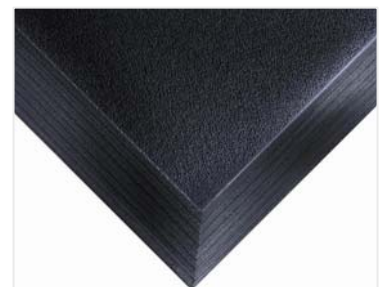
Transport protection, versatile design creativity and reduced processing efforts with polyolefin foam from Sekisui Alveo

Lucerne, 29th September 2009 – Sekisui Alveo, manufacturer of polyolefin foams, presents its new Alveobloc product line at the exhibition FachPack 2009 in Nuremberg. The block made from laminated roll-foam features a uniform, closed cell structure which effectively cushions impact or external pressure. Alveobloc is therefore the ideal transport protection material for sensitive and fragile high-grade goods. The foam is suitable for all processing procedures such as milling, punching or water jet cutting, thus allowing great freedom in individual design. The double-sided usable foam skin with a smooth surface is inured to scratches and soiling. It can be used as a design element. Büttikofer, a FoamPartner Group company, already uses Alveobloc for case inserts. Bottom line: “Alveobloc has all the properties required of an effective transport packaging material and offers precisely the appearance and haptic qualities that our customers expect.” At Booth 242 in Hall 4, the Sekisui Alveo team will present application options of Alveobloc for example in the returnable packaging sector.

Alveobloc is made from physically cross-linked polyolefin foam Alveolen: Sekisui Alveo laminates this odourless roll-foam with hot air up to a thickness of 120 millimetres. Each layer features a uniform closed cell structure - with evenly distributed density. These properties result in homogeneous compression hardness that optimally cushions impact or external pressure. In addition, Alveobloc is free of cavities or other inclusions that can occur in the production of conventional block foam. The closed cell



Alveobloc from Sekisui Alveo is suitable for all production processes and can be used to produce precisely-tailored packaging solutions such as the case insert shown here.



Alveobloc from Sekisui Alveo is made from roll-foam that is laminated with hot air.

structure also has a positive effect on the water absorption rate which is less than one percent. This makes Alveobloc particularly suitable for water jet cutting – components do not need to undergo an intricate drying process.

Many advantages for further processing companies

The double-sided usable foam skin and the fact that Alveobloc comes with angular trimmed edges provide further-processing companies with additional advantages. Herbert Abele, Managing Director of Büttikofer, places particular emphasis on the time saving that already begins with delivery: Since the foam is supplied neatly stacked on pallets, the time required to unload a truck delivery is reduced to a minimum. Furthermore, workers do not need to remove the skin as is the case with foam-moulded block foam materials and cut the foam to size to obtain even surfaces and exact 90 degree angles. The relatively resistant surfaces that can be simply wiped clean also simplify further processing. “We save a great deal of time, giving us an important competitive advantage in the fast-paced project business. In addition our customers can now also choose between a smooth surface and a cut cell structure as a design feature”, explains Herbert Abele. Oliver Bürklin, Market Manager at Sekisui Alveo AG, explains: “With Alveobloc we supply our customers with material that is easy to handle while at the same time offering all the important properties and processing features required to produce a precisely-tailored packaging solution.”



Caution – Fragile! Alveobloc from Sekisui Alveo effectively cushions impact and external pressure.

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Sekisui Alveo AG company portrait

Sekisui Alveo AG with head office in Lucerne, Switzerland, develops and produces cross-linked polyolefin foams, which are used in: Adhesive Coating, Automotive, Construction, Industrial and Consumer Goods. The solutions are developed in close cooperation with processing companies and manufacturers, and tested and approved in the company's Application Services Laboratory. Sekisui Alveo is owned by Sekisui Chemical Co. Ltd., which, with its globally active subsidiaries, serves approximately 50% of the global market with cross-linked polyolefin foams.

For more information please contact:

Sekisui Alveo AG

Irene Lucas

Corporate Communications

Bahnhofstraße 7

CH – 6002 Luzern

Tel.: +41 (0) 41 228 92 92

Fax: +41 (0) 41 228 92 00

E-Mail: communications@SekisuiAlveo.com

www.SekisuiAlveo.com

TEXT-COM GmbH

Karolin Friele

PR-Consultant

Ziegelhüttenweg 4

D – 65232 Taunusstein

Tel.: +49 (0) 6128 85 37 55

Fax: +49 (0) 6128 85 37 59

E-Mail: Karolin.Friele@text-com.de

www.TEXT-COM.de