

Profile Titel **Decor Glass Laminate for Interior Design**

Reference

Country of Origin Austria

Type of
Cooperation Offer

Listing / update 26.04.10

Summary

An Austrian product-development SME has developed a technology to produce thin laminates for the backside lamination of glass.

The intended use is for glass surfaces with a foto-realistic and UV-stable laminate on the backside. Applications include interior design, shop- and hotel design, replacement of conventional tiles in showers, halls, bathrooms and kitchens.

It replaces expensive security glass laminates where the double sheets of glass is not required and simple glass or tempered glass is sufficient. Application is also possible on polycarbonate, plexiglass or transparent glass-ceramic.

Details

The main idea was to create a light-weight and cost-efficient material that can replace expensive and heavy stone, marble and other mineral materials without compromising on the esthetic appeal.

The product is made from special printed laminate with high resolution and combined with a special adhesive layer. The material is then laminated in the workshop with a laminating machine or roller press to the back side of a glass or transparent plastic material. The lamination is done at ambient temperatur. No evacuation, baking, curing or autoclaving is needed. The product is ready for build-in directly after lamination.

Protective strips for the edges and protective coating of the laminate's backside is also available.

The material can be provided including the glass, but it is expected that locacl lamination by the expected partner or by an outside contractor will be the preferred choice due to lower logistics costs.

Various decors and designs are available depending on order quantity. The main focus is on stone and marble designs, but wood or phantasy designs are available as well. Also individual foto-prints or graphics are possible.

Innovative Aspects:

No fading of the colours.

No poisonous dying colours, paints and chemicals.

No autoclaving, no vacuum, no expensive glass laminate sheets for encapsulation.

The decor is protected by the glass cover and therefore is not exposed to mechanical stress.

Large production runs of standard material as well as small individual design runs are possible.

Technology Sector	<ul style="list-style-type: none">- Construction Technology- Building Components and Methods- Glass- Material Science- Construction Material
Application	<ul style="list-style-type: none">- Construction and Building Products- Manufacture of pre-fabricated buildings and systems- Distribution of building products and systems- Interior wall systems, partition walls, wall panels- Other construction and building products related
Status of Development	Ready for market, available on stock in small quantity, larger quantity or samples depending on minimum order quantity
IPR	Secret know-how
Type of Cooperation	<ul style="list-style-type: none">- License Agreement- Sales & Distribution Agreement- Technical consultancy- Financial Resources <p># Type of partner sought Industry partner that can incorporate the technology with his products, sales and distribution partners for major countries, investor</p> <p># Specific area of activity of the partner Construction material producer, glass-processing industry, interior design and shop design, hotels/restaurant design, interior works, construction/building companies, partition wall producer.</p> <p># Task to be performed Sought are the following co-operation partners</p> <ul style="list-style-type: none">* Industrial partners for developing and marketing industrial production* Commercial partners interested in establishing production / distribution channels throughout Europe.* Investors interested in development and marketing of the concept.* Designers or architects interested in working with alternative concepts of building materials.
Organisation Status	Consultant Employees: 1-10 New, 26.4.2010