



2014 Seoul Lantern Festival*



H Town Cafe and Concert Hall*

Kommerling is a key partner in the development of a construction grade laminated glass with minute LEDs that bestows the glass with media functionality.

Kommerling has worked in partnership with South Korean based G-SMATT Global Co to develop G-Smatt Glass. This innovative glass based product is thought to be the world's first ever electronic building material capable of turning buildings into media screens that provide fun, interactive 'architainment' (Architectural Entertainment) space and much more.

Chris Davis from Kommerling explains more about this revolutionary product; " When used on a large scale as an active media façade on buildings this glass has a jaw dropping effect that delivers a real 'wow' factor. It will turn the building into an instant landmark and a point of focus. Not only suitable as a media façade, G-Glass is also appropriate for all kinds of architectural applications including windows, curtain wall, partitions, balustrades, floors, interior design, escalators, in short wherever flat glass is used." Kommerling has used its expertise as a leader in the development of architectural grade sealants and adhesives to help develop this product, which also boasts low electricity consumption and has good insulation qualities, both key characteristics that are becoming increasingly important for today's architects. He continued; "It has the potential to turn a passive, thermally insulating screen into a revenue stream."

Development work started in April 2013 and has taken place in G-SMATT's facilities in South Korea and Kommerling's own research and development facilities in Pirmasens, Germany. The secret behind this product is stripping a metalised

coating to facilitate the correct mapping that co-ordinates and synchronises the power and programmes.

"The market for G-Glass is rapidly expanding and it has already been successfully installed in Shanghai Stock Exchange (Shanghai) and Gangnam Finance Center (Seoul). It is now being specified for the designs of numerous landmark architectural projects across the world," commented Sewon Hwang, from G-SMATT.

Please click on the following link to see a selection of videos showing the glass in use https://www.youtube.com/channel/UCELY5oxoZj5mtoClv_25eiw

G-SMATT was established in 2006 and is solely committed to developing and manufacturing G-Glass. It has secured numerous international patents and has constructed a state of the art manufacturing facility fitted with the latest laser etching and SMT LED mount technology, an approach which is normally used in the semiconductor industry.

Background

Koemmerling Chemische Fabrik GmbH is a leading international manufacturer of high-quality adhesives and sealants. Its European headquarters and extensive research and development facilities are in Pirmasens, Germany and it has a network of subsidiaries, sales offices and sales partners, in more than 80 different countries. Members of the group have over 110 years experience of the development of adhesives and sealants. In particular the company has established itself as an innovative market leader in provision of Polysulfide, Polyurethane, Silicone and Polyisobutylene sealants for the insulating glass, photovoltaic, and automotive industries.

Koemmerling Chemische Fabrik has been awarded ISO 9001, ISO 14001 and OHSAS 18001 certification.

For more information visit www.kommerlinguk.com

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*** High res jpeg available on request**

For enquiries please contact:

Jean Cain, Kommerling UK

Tel: 01895 465601

Email: jean.cain@kommerlinguk.com

Avril Chaffey, PR Consultant Tel : 01488 608898

Mobile : 07765 343565

Email: avril@avrilchaffeypr.co.uk

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