

PRESS RELEASE

FHR to deliver roll-to-roll vacuum coating system for the production of thermal protection films. The client from the field of window films is a Chinese customer

Ottendorf-Okrilla, 17 March 2015 – Retrofitted thermal protection films for windows and glass façades in existing residential buildings, commercial buildings and industrial buildings offer great energy saving potential and are seen as an important tool in the fight against climate change. FHR Anlagenbau has signed a contract to supply a Chinese customer with a roll-to-roll vacuum coating system of type FHR.Roll.1600-PVD, and production of this system has now commenced. The production system uses sputtering technology and is designed for the deposition of a translucent combination of metal and oxide layers that reflect infrared thermal radiation (low-e coating) on plastic films with a width of 1600 mm.

"With this contract, we have once again underlined our competence and leading position in the market for industrial coating systems for flexible film substrates", comments CEO Dr Reinhard Fendler on this sales success.

About FHR Anlagenbau GmbH

FHR Anlagenbau GmbH in Ottendorf-Okrilla specialises in the development of innovative thin-film technologies and vacuum coating systems, as well as services in the field of thin-film technology. The company, which was founded in 1991 in Dresden, has been part of the centrotherm Group since 2008. Its main field of business is the construction of vacuum coating systems for industry and research using vaporisation, sputtering, CVD and ALD technologies. The FHR product portfolio comprises vacuum processing systems for many different fields of industry, including photovoltaics (specifically CIGS solar cells and organic PV technology), solar thermal systems, optical

systems, electronics and sensor technology, as well as automotive engineering. One of the company's key strategic areas is film coating systems for the production of flexible electronics, flexible solar cells and organic display films. FHR is both technology leader and market leader in this field. In a different business unit FHR manufactures sputter targets for the coating industry. All around the world, FHR works with renowned industry partners and research institutions.

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