



PRESS RELEASE

Nanogate AG starts NanoGuard® marketing: new building protection product range

Six-figure sales target for 2008 – Cooperation with Dow Corning goes ahead according to plan – Plus: initial pilot projects launched for application based on nanoplating technology

Saarbrücken, 13 December 2007. Nanogate AG (ISIN DE000A0JKHC9) is starting marketing as planned for its new NanoGuard® product range. Surface sealing and enhancement for buildings is aimed at housebuilders, construction companies, construction chemicals manufacturers and suppliers along with public sector clients and architects. Products marketed in the NanoGuard® line include some developed jointly with US cooperation partner Dow Corning. For financial year 2008 Nanogate anticipates sales in the six-figure euro range and plans principally to boost international business. Nanogate has also announced the presentation of its first product based on nanoplating technology to reduce friction, wear and tear (tribology), thereby making possible a more efficient use of energy.

NanoGuard® is a new surface treatment for use on buildings that provides, for example, lasting protection from dirt and weather influences. With water permeability reduced substantially on the weather side, damage from frost, moss, algae and fungi can be prevented or reduced. In addition, sealed surfaces are easier to clean, thereby reducing maintenance costs. NanoGuard® can be applied to concrete surfaces as in bridge and tunnel construction and to natural stone and mineral rendering on exterior surfaces. Compared with products from other manufacturers, NanoGuard® is also especially eco-friendly and provides an attractive price-performance ratio.



Ralf Zastrau, CEO of Nanogate AG, says, "the marketing launch confirms our strategy of opening up additional market segments, especially international ones, with innovative new products. Demand for new and eco-friendly surface sealing products for buildings is already high."

Pilot projects for nanoplating technology

Along with the buildings/interiors growth segment for which the NanoGuard® product family is developed and marketed, Nanogate has launched in the automotive/mechanical engineering segment its first pilot projects for applications based on the nanoplating technology platform. In automotive and mechanical engineering applications, nanoplating ensures that gliding ability is increased and friction minimised. By changing the application's tribological properties its energy requirement can be reduced. "Nanogate anticipates a significant long-term increase in demand for technologies that facilitate a more efficient use of energy and resources," Zastrau added.

Queries? Please feel free to contact:

Christian Dose (Financial press)
equinet Communications AG
Tel.: +49 (0)69 5899-7302
communications@equinet-ag.de

Nanogate AG
Gewerbepark Eschbergerweg
D-66121 Saarbrücken
www.nanogate.com

Klaus Reuning (Business and trade press)
MPW FINANCE
Public & Investor Relations GmbH
Tel. +49 (0)69 959 290-0
nanogate@mpwfinance.com

Nanogate AG:

Nanogate is a leading international enabler in the nanotechnology growth market and so opens the gate to nanotechnology for its customers. The Saarbrücken-based firm enables the programming and integration of additional properties such as non-stick, anti-bacterial, anti-corrosive, ultra-low friction. Nanogate thereby gains a competitive edge for its customers by product refinement using chemical nanotechnology. Nanogate covers a wide range of industries, functions and substrates already on the basis of technology platforms. The company thus provides a decisive interface for the commercialisation of chemical nanotechnology, bridges the gap between raw materials and their industrial conversion into products and concentrates as an enabler on one of the most attractive segments in the industry. As a partner in innovation, Nanogate provides many services



along the value chain – from development and production of innovative nanocomposites and nanostructured materials to powerful support for innovation and product integration.

The Nanogate Group currently has 57 employees in all (as of 1 July 2007) and since commencing operations in 1999 has been a pioneer in nanotechnology. Nanogate is a high-growth company and has operated profitably since financial year 2004. In financial year 2006 it boosted consolidated sales by about 64% to around €7.84 million. Consolidated earnings before interest and taxes (EBIT) to IFRS increased by about 220% to around €1.1 million in 2006. The company has first-class customer references, such as ABB, BSH Bosch-Siemens Hausgeräte, Giesecke & Devrient, Kärcher and Koenig & Bauer AG, and many years' experience of different industries and applications. It has also entered into strategic cooperation with US companies Dow Corning and Ceradyne/ESK Ceramics and Authentix and with Giesecke & Devrient. The Group's consolidation entity includes Nanogate Advanced Materials GmbH, which specialises in safety engineering and optics and is a joint venture with the US Air Products group. Nanogate also holds a stake in HOLMENKOL Sport-Technologies GmbH & Co. KG.

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