



***Hall 6 Stand H10 (Schauplatz NANO) at the Hannover Messe  
19 – 23 April 2010***

**PRESS RELEASE**

**Hannover Messe 2010: Nanogate AG adds substantially  
to its expertise in the field of high-performance  
industrial surfaces**

**Ultra-high-performance anti-fingerprint surfaces and highly effective UV protection coatings for glass. Significant extension of the perma line and pro.Glas line product families. First cooperation programmes launched with renowned customers.**

**Göttelborn/Hanover, Germany, 19 April 2010. Nanogate AG (ISIN DE000A0JKHC9), a leading international nanotechnology enabler, is presenting two extended product lines with a wide variety of potential applications at the Hannover Messe. The pro.Glass® Barrier UV line provides an optically neutral barrier coating against ultra-violet light, which is also easier to clean, less prone to scratching and impervious to cleaning agents. The permaSeal metal 120 product developed for stainless steel surfaces offers a resistant, anti-scratch coating that also protects against fingerprints and makes cleaning easier. For the new product line pro.Glass® Barrier UV, Nanogate recently signed a cooperation agreement on the market launch for the coating system with BERLINER GLAS.**

The innovative UV protective coating for interior glazing that Nanogate is presenting at the exhibition is remarkable for its multi-functional properties: in addition to blocking 99 % of UV light, the optically neutral, permanent enhancement is also extremely weatherproof, so that it does not yellow with age. The highly resistant product is applied in a very thin coating and also has an



easy-to-clean function, making enhanced glass surfaces easier to clean, scratchproof and impervious to typical household detergents. The new UV-protective coating adds an important functionality to the pro.Glas® line for clear and frosted glass and thereby opens up a wide new field of applications. As well as for general glazing, as in shop windows, the coating is also ideally suited to high-quality applications such as glass for museums, picture frames or display cabinets. With pro.Glas® Barrier, objects that are particularly sensitive to UV light such as works of art, pictures and exhibits can be effectively protected. Nanogate is now starting an initial cooperation programme with BERLINER GLAS, one of Europe's leading companies for glass treatment and applications, with the aim of realising its operating market debut in 2010. "Adding UV-light protection to the functionalities of the pro.Glas® line significantly increases our skill-set in glass-surface enhancement. The fact that we were able to team up with such a respected partner as BERLINER GLAS confirms the potential of the new product line", says Andreas Weis, head of the industrial surfaces division at Nanogate.

The successful perma line series, which recently introduced an additional anti-scratch coating for metal surfaces, has also been extended and now has extra anti-fingerprint functionality for stainless steel. The completely transparent, anti-scratch coating protects stainless steel surfaces from fingerprints, making surfaces much less prone to damage and easier to clean, so that even after many years they show scarcely any traces of abrasion. The coating is highly resistant to mechanical and chemical influences as it forms a permanent bond with the surface. The extremely abrasion-proof coating can be used for everything from decorative metallic surfaces in the automotive sector to white goods and internal or external building applications. "We are currently in talks with a company that produces high-quality design elements and expect to receive important reference orders shortly. These kinds of cooperation agreements could establish Nanogate's international technology leadership in one move", says Michael Jung, Management Board member of Nanogate AG.

Nanogate's technological innovations create efficient, sustainable, high-performance industrial surfaces that conserve resources and thereby reduce impact on the environment. Nanogate is thereby applying consistently the



principle of GreenNano<sup>®</sup>, sustainable business based on nanotechnology. This principle is both a key long-term growth driver for Nanogate and a contribution to resolving the issues of energy efficiency and environmental protection that affect the whole of society.

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**Innovation-driven competitive advantage:**

Using this guiding motto, Nanogate AG launched a comprehensive innovation offensive in 2009 in order to open up new growth prospects for its clients. To achieve this, Nanogate increased its investments and funding significantly - in particular in the 2009 financial year - and has since then presented a multitude of innovations. Since going public in 2006 the company has already invested several million euros in developing new technology platforms and has transformed these into marketable products. Nanogate has successfully illustrated its expertise in more than 150 cases, using innovations to provide its clients with a competitive advantage.

**Nanogate AG:**

Nanogate is a leading international enabler in the nanotechnology growth market and so opens the gate to this technology for its customers. The firm, which is based in Göttelborn (Saarland), enables the programming and integration of additional properties – such as non-stick, anti-bacterial, anti-corrosive and ultra-low friction – into materials and surfaces. 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 on the basis of technology platforms. The company thus provides a decisive interface for the commercial use of chemical nanotechnology and bridges the gap between the suppliers of raw materials and industrial conversion into products. In doing so, Nanogate 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 84 employees in all (as of September 2009) and since commencing operations in 1999 has been a trailblazer in nanotechnology. The company has first-class customer references (e.g. ABB, BSH Bosch-Siemens Haushaltsgeräte, Kärcher, Koenig & Bauer AG, Opel and REWE Austria) and many years' experience of different industries and applications. To date, more than 150



projects have gone into mass production. Nanogate has also entered into strategic cooperations with international companies such as the GEA Group and Dow Corning. The Group also includes Nanogate Advanced Materials GmbH, which specialises in complex applications like high-performance optics, FNP GmbH in the area of sport/leisure, a majority shareholding in Holmenkol AG and a shareholding in sarastro GmbH.

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