



SURFACE 2016

The Trade Fair for surface technology

4 to 6 October Brabanthallen 's-Hertogenbosch

Surface 2016 goes all out in Week of Surface Technology

Extra visitors through side events, strong participation field and unique exhibits

The interest in the fourth edition of the biannual Surface exhibition is huge. Therefore the largest trade fair for surface treatment technology in the Benelux is moving to the main hall of the Brabanthallen in 's-Hertogenbosch (the Netherlands). Surface 2016 forms the basis of the Week of Surface Technology (WOT2016) where innovations and added value form the heart of the trade fair. Specific events are linked to the fair in with various industry associations. Unique expositions such as the Surface Lab, Future Skins, Surface Solutions, the ION Borghardt Award and the theme squares show the added value of the field.

So far there have been many local and foreign applications such as Duthoo NV, Galvano Hengelo, Chemetall Group, Special Coatings, Multinal Group, Sibelco, Oxyplast Belgium NV, Airblast B.V., Kluthe Benelux BV, Saint-Gobain Abrasives BV, Magistor BV, ECN Engineering, SherwinWilliams Benelux, Metalas Cleaning Systems, Airblast Abrasives BV, Kewesta Fördertechnik, Citaku BV, HangOn BV, WSB Finishing Equipment B.V., Oerlikon Balzers, EPIFATECH AB, Laborex bvba, Rösler Benelux BV, Hatwee BVBA, tesa BV, Elcometer.nl, Special coatings GmbH & Co. KG, AD Chemicals, Belmeko Engineering NV, ROB Louage & Wisselinck, Hendor Pompen BV, ICOM Automation GmbH and the Stainless Solutions Group b.v. You can read more about the preparation and your chances in this newsletter.

The role of surface treatment

"The dynamics in the surface treatment industry surprise me every time. Day-in-day-out, many companies provide a wide range of services and/or products that are made more beautiful, more durable or better built. Partly pressurised by changing laws and regulations, but also driven by the will to perform better every day.

Everyone can see that the world changes (fast). The role of surface treatment in this is often underestimated. It's the huge dynamic range, but also the pride and the multitude of stakeholders that ensures a trade fair alone is no longer sufficient. The WOT2016 is therefore not only the Surface event floor, but also a congress with more than 75 contact moments about developments in the industry. During the WOT2016, the future will also be looked at. What do architects, machine builders and mobility designers expect of our industry? If you do something with surface treatments, as a supplier, as a chartered accountant or a user, you cannot stay away. As exhibitor or visitor. Keep an eye on www.surfacevakbeurs.nl for the actual program."

Egbert Stremmelaar

Managing Director of the Branch Society ION, the Dutch Association for Industrial Surface Treatment



News from exhibitors

Ultimate anti-corrosion with 1 coating layer

Surface offers excellent opportunities for EUROLACKE to present new products or services on the market. New arrival in their portfolio is Abcite®; a thermoplastic powder coating which is characterized by extremely good corrosion resistance, shock and impact resistance and chemical resistance. This coating meets the highest corrosion requirements, is solvent-free, has many certifications and is perfect to replace conventional multilayer systems with 1 layer (without primer). Application can be done by electrostatic spraying, cyclone sintering or hot flocking.



More info: www.eurolacke.nl



Plastic alternative for a metal clean-box

Hulkenberg introduces the Techrack cleaning box. This rugged plastic box is suitable for cleaning, transport and storage of high-quality metal parts. No metal-on-metal contact takes place in this plastic cleaning box; the fragile metal parts therefore remain undamaged. The separate compartments of the plastic box is flexible in design and the format can be changed. Furthermore, compared to a metal basket, the plastic box has a very low weight. The box is suitable for all cleaning processes; also with chemicals. More info: www.hulkenberg.nl

The themes that matter

The entire week of Surface concentrates on surface technology with both a focus on technology, mankind as initiator, innovator and user of the technology as well as the influence of laws and regulations on the development of the technology. In the knowledge sessions on Surface, much attention will go to social issues such as energy saving, sustainability and quality issues, chain optimization, robotization, corporate social responsibility, security and recycling/re-use of materials.

There are already 12 industry associations, numerous knowledge institutes, innovative companies and representatives of the competent authority such as ISZW, RVO Nederland, standing representatives of the Netherlands in Brussels, the Ministry of Economic Affairs and some quality organizations have pledged their contribution.

Exhibitions and top inspiration

Inspiration leads to preference, to buying or outsourcing. Therefore, Surface 2016 offers a ingenious program focused on innovation, inspiration, learning and meeting. In the 'Surface Solutions' exhibition, samples of materials with innovative surface treatments are usefully classified and exhibited by theme for architects, product designers and manufacturers.

In the 'Surface Lab', visitors can experience quality themselves and measure by using samples, whether or not brought along themselves. With the participation of, among others, Helmut Fisher, NauMetrics PMI, TOC, BYK-Gardner GmbH and Tqm systems. The exhibition 'Proud of the work' is designed to emphasise the added value of the field and show the possibilities of surface treatment that people didn't think were even possible. Final products are displayed here that deliver extra performance due to surface treatment.



New theme squares

On this edition, cleaning to ensure quality improvement and colour are once again important topics. Various techniques are shown on the 'Cleaning square' for cleaning as pre-treatment and as follow-up treatment. With the cooperation of, among others, Kluthe Benelux B.V., Metalas Cleaning Systems and Leering Hengelo BV and where demonstrations take place in the field of ultrasonic, bio-circle and spray cleaning, dry ice cleaning and cleaning with a laser.

The Colour square, in cooperation with BNK, the Trade association of Colour Experts, provides insight into use of colour and the effect on people, and colour fastness. New in 2016 are the theme squares on product engineering, 3D printing and bonding techniques.



More news see other side....

SURFACE 2016

The Trade Fair for surface technology

4 to 6 October Brabant Hallen 's-Hertogenbosch

Total solution for follow-up treatment of 3D-printed products

Almost all 3D-printed products require a follow-up treatment. With the Normfinish blasting cabins, Leering Hengelo provides the equipment to be able to do this. Both for fully automatic follow-up treatment of small products in relatively large numbers as well as manually with large products. Applications for very focused blasting of products with, for example, small holes are also possible. The blasting process can be fully customised, including pick & place units for loading and discharging a blasting installation, oscillating blast gun movement, automatic process, etc.

More info: www.leering.nl



For more information go to www.surfacevakbeurs.nl/ english



Innovations in the service area



MAVOM researches, develops, produces and delivers cost effective, easy-to-use and effective surface treatment liquids for high-quality objects. Continuous research leads to innovative products and expansion of the service schedule. For example, the MAVOM Legibox takes customer activities over through on-line monitoring and good prognosis of the quality of the process baths. Innovations that support users in their quality control and thus the result of the final product.

More info: www.mavom.nl

Old systems in a new jacket

Epoxy resins protect and extend the life of various surfaces but are rather harsh on the user and environment. NWTI has renewed this epoxy system by adding nano-components. The Alloxx and Grafox systems therefore have a higher tensile strength, less wear, better elasticity and higher impact strength. The hardener of the system is water based and therefore less harmful. They are performing well under extreme conditions such as mechanical wear, clashing of large metal parts, salt water environments and continuous contact with aggressive chemicals. More info: www.nwtinternational.eu



Innovation exhibition and the ION Borghardt Award ceremony

The ION Borghardt Award (innovation prize) is presented at the opening ceremony by Mr. Jeroen Heijs, Member of the Management Team, Directorate General for Business and Innovation, Management Top Sectors and Industrial Policy of the Ministry of Economic Affairs. The jury, chaired by Dr Arjan Mol (Engineer) of TU Delft, will determine who has submitted the most innovative idea for this edition. The Award will be created by visual artist Marcel Bastiaans.



PowderTAG for layer thickness analysis



TQC presents the PowderTAG, that measures powder coating thickness before and after curing. Non-contact, non-destructive and on metal surfaces such as steel or aluminium, but also on MDF. The combination of infra-red and photo thermal measure allows for a precise and reproducible thickness measurement. The measuring pulse don't have to be graduated exactly at a certain angle and only a small measuring level is needed. Layer thickness on small, curved or hard-to-access objects can be determined without contact. The tested parts therefore remain part of the running production process. More info: www.tqc.eu

Meet and collaborate on 'Show time' networking evening

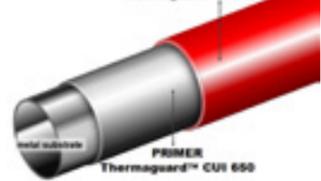
After the success of the previous edition, another interesting networking evening will be held. This gathering focuses on 60 years of industry associations in surface technology and 60 years of the trade journal Oppervlaktetechnieken (Surface Techniques). Entrance is free for exhibitors

Durable pump for high-viscosity products

WSB Finishing Equipment B.V. displays the WAGNER Jaguar and Tiger pumps on Surface 2016. These pumps with working pressures up to 600 bar and a yield of 12 litres enable the problem-free processing of all high-viscosity products. Testing at various paint manufacturers produced particularly good results. Swiss technology and German engineering ensure a sustainable installation which makes a good contribution to the continuity of the companies that will be working with these pumps. More info: www.wsb-benelux.eu



Innovative high tech coatings



The Zandlevengroep is a paint manufacturer of high tech coatings. They display various innovative products on Surface 2016 such as the improved side cover with a fine structure epoxy primer and dry in dry powder coating; 1 + 1 = 1 so doing two layers at once. Another innovation are the fade-resistant C.U.I. coatings, Thermaguard, to prevent corrosion under insulation. A primer and top coat, heat-resistant up to 650 °C and available in various colours. More info: www.zandleven.com

Enter the huge Dutch and Belgium market and boost your turnover

The surface treatment branch in Holland only has an annual turnover of 3.5 billion euros, with around 2,000 companies carrying out surface treatment for others and thousands of companies that carry out surface treatment for themselves.

Be there at Surface 2016! In just three days, you will meet more than 6,000 motivated surface treating specialists and clients from the industry and other sectors. At a specialist trade fair like Surface, people obviously only focus on your specialist field. Participation is a very efficient and cost-effective way to enter the Dutch and Belgium market and get into contact with distributors and/or end users. More information; call Rob Lindenbergh or Johan Heystek of 2XPO B.V., Tel. + 31 73 629 39 39, send an e-mail to info@surfacevakbeurs.nl or return the answer form.



Extensive advertising campaign

Market support

Surface 2016 is supported professionally by industry associations, branch organizations, knowledge centres and other leading parties from the entire production chain. Thanks to this a relevant custom-made program can be created and a large network of potential visitors can be reached. See www.surfacevakbeurs.nl.