



Topics 2025

VOM members & sustainable surface treatment in the spotlight

VOMinfo February 2025: sustainable pretreatment followed by a coatingsystem

Under the motto “less chemistry, fewer raw materials, and less energy,” there are numerous trends and innovations to mention in mechanical and chemical pretreatment processes. A high degree of substrate cleanliness and surface roughness is essential for applying a beautiful, uniform coating. Specialists in mechanical pretreatment (such as blasting) as well as chemical pretreatment (degreasing, pickling, and conversion coatings) share their knowledge, applications, and achievements in this edition.

Deadline: 24/01/2025

Release date: 21/02/2025

Digital newsletter e-VOMinfo

11/02/2025 25/02/2025 11/03/2025 25/03/2025

In each issue of VOMinfo 2025, there are the regular sections:

- Members in the Spotlight
- Technique
- Trends
- Quality, Security & Safety
- News
- Legislation
- Working groups & Young VOM
- VOM News

VOMinfo April 2025: variants of (chemical) surface treatments for specific markets

There are also (electro)chemical or thermal treatments that remove unwanted residues from the surface of the substrate to achieve a glossy surface finish and/or a desired level of roughness. In addition to their cleaning function, these treatments aim to reduce the microroughness of a metal surface. The resulting surface finish plays a crucial role in the performance of a component and affects its functionality, durability, and aesthetics. The following techniques are selected: anodizing, (electro)chemical polishing, ultrasonic cleaning, laser cleaning, thermal and chemical paint stripping.

Deadline: 14/03/2025

Release date: 25/04/2025

Digital newsletter e-VOMinfo

01/04/2025 22/04/2025 13/05/2025 27/05/2025

VOMinfo June 2025: a wide range of sustainable metallic coatings

Metallic coatings contribute to corrosion resistance, wear resistance, and aesthetic appearance. There is a wide variety of options, not only in coating thickness (ranging from a few μm to $>100 \mu\text{m}$) but also in the application technique. To keep it organized, we mention six groups for applying metallic coatings: electroplating processes, electroless processes, thermal spraying (both for corrosion protection and wear resistance), immersion in a molten zinc bath, laser cladding, and vacuum deposition. In addition to metals, ceramic or carbide materials can also be used as coatings, such as sol-gel coatings. Although these are often “proven” techniques, there is significant growth potential and renewed interest in these methods in emerging markets related to electrification and the energy transition.

Deadline: 16/05/2025

Release date: 20/06/2025

Digital newsletter e-VOMinfo

10/06/2025 24/06/2025 08/07/2025 26/08/2025

August 2025: Organic coatings on the path to a lower CO2 footprint

Regulations regarding chemical agents and other essential components, as well as the CO2 reduction of liquid paint or powder, are accelerating the search for new and sustainable paint and powder formulations, as well as equipment to combine energy efficiency and quality. Since suitable personnel and material supply are currently bottlenecks, much attention is focused on productivity improvements to generate more output with fewer resources. This VOMinfo collects information on liquid paint and powder coating techniques that focus on using innovative coatings and smart equipment to reduce the CO2 footprint. This includes reducing VOC content, further developing bio-based coatings, high-solid paints, waterborne systems, high-performance powder primers, low-bake powders, etc..

Deadline: 04/07/2025

Release date: 29/08/2025

Digital newsletter e-VOMinfo
09/09/2025 23/09/2025 07/10/2025

VOMinfo October 2025: BNL Knowledge & Networking Event. Ready for 2030? Inspiration for sustainable surface treatment

This edition is the ideal preparation for the 2-day BNL networking event. VOM and Vereniging ION are joining forces to organize this Benelux knowledge and networking event in 2025. It is an event for and by our members, with a focus on knowledge sharing with like-minded entrepreneurs across the entire value chain. During the event, prominent speakers will guide our entrepreneurs, and suppliers will have the opportunity to showcase their sustainable solutions.

This VOMinfo outlines what to expect during the lecture program, the exhibition, and the sponsors who will provide inspiration and technical solutions for sustainable surface treatment.

Deadline: 26/09/2025

Release date: 24/10/2025

Digital newsletter e-VOMinfo
21/10/2025 04/11/2025 18/11/2025 02/12/2025

VOMinfo December 2025: sustainable heat treatments

Heat treatments are a group of industrial processes used to modify the physical, mechanical, and sometimes chemical properties of materials. Carbon is the key element in achieving the desired properties, both in the core and on the surface. Heat treatment involves the use of (extreme) heating and/or cooling to achieve the desired outcome, such as changing the brittleness, hardness, toughness, plasticity, elasticity, or strength of the material. The most well-known techniques include hardening, carburizing, etc. This group of companies faces many challenges. How can they produce in an energy-efficient way? What technologies can be used to achieve significant savings in water consumption and reduce air emissions?

In this edition, we explore the size of this field and where synergies between these companies and other coating techniques may emerge.

Deadline 17/11/2025

Release date: 12/12/2025

Digital newsletter e-VOMinfo
13/01/2026 27/01/2026

Contact:

VOM vzw, Kapeldreef 60, 3001 Leuven (BE), www.vom.be

Julie Moreau, Julie@vom.be

T +32 (0)16 40 14 20

Discover all advertising opportunities via www.vom.be/nl/kenniscentrum/116/vakblad-vom-info