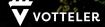


YOUR HOSTS FOR THE NEXT TWO DAYS



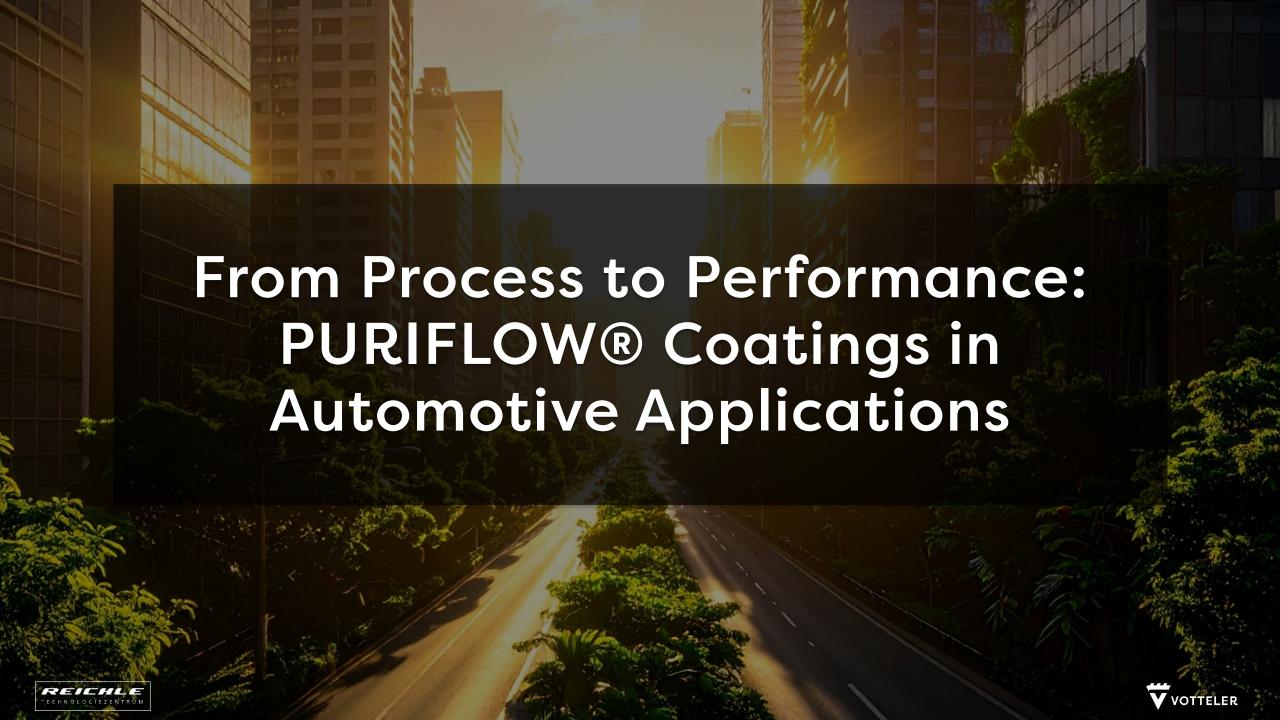
REICHLE TECHNOLOGIEZENTRUM



NOTICE: PHOTO & VIDEO RECORDING AND SAFETY REGULATIONS

- Please be aware: Photos and video recordings will be taken throughout the TechDay. By attending, you consent to the use of this material for internal and external communication purposes.
- Carrying mobile phones and cameras is not permitted in our technical areas. This is for your safety and to protect sensitive information.
- Please refrain from taking photos in the technical areas. This helps
 protect confidential information and ensures the safety of all
 participants.









1907

Founded in the black forest with a heritage in woodcarving. 1915

Specialising in surface refinement and finishings.

1972

Expansion of a subsidiary in Switzerland.

1993

After years of trading with Austria, the expansion into a subsidiary here as well.

2014

Transition from a family business to a foundation and now operating with full independence. 2024

Leading manufacturer of wood finishing and polyurethane coatings.



Votteler Network – strategically positioned for your success

Europe

- Headquarter
- Production
- Sales & Service team

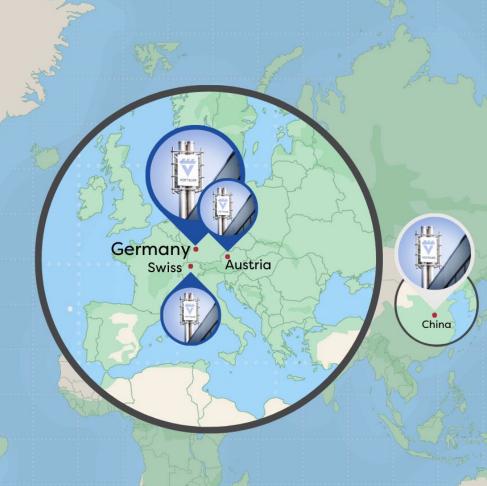
Asia

- Sales
- Logistics (under development)

North America

Logistics







This is where we shine: Well-positioned in future orientated industries



Automotive

We make vehicles stand out from the crowd.



Reaction-Injection-Molding (RIM)

An unparalleled, versatile allrounder.



Wood Industry

At home in high-end interiors all over the world.



Bonding

THERMOSTA® - the better solution for laminating.

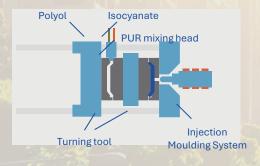




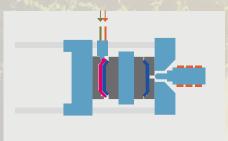
How does IMC Two-In-One-Shot work?

In a nutshell: "An off-tool, coated class A-part that is manufactured in a single process in a closed mold." This method has been tested and approved by renowned OEMs and has proven itself over many years.

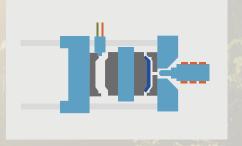
1. Injection of thermoplastic base material



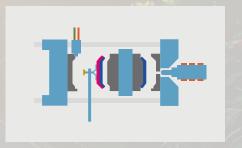
3. Coating of the thermoplastic part with our PUR while simultaneously injecting thermoplastic for the next cycle



2. Mold opens, swivel platen turns by 180°, mold closes

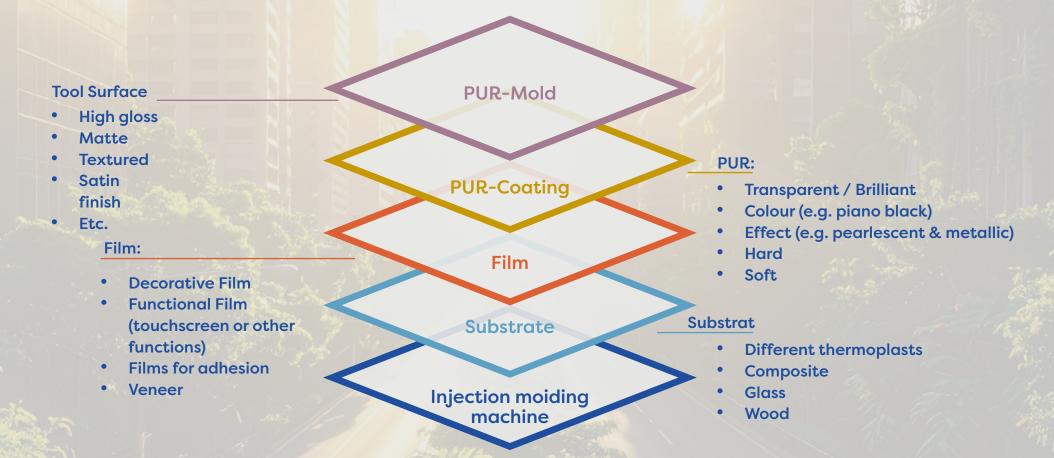


4. Mold opening, demolding and restarting the process cycle





Endless possibilities with PURIFLOW®







The VOTTELER Two in One-Shot-Process

- Fast Color Changes
 Innovative systems with integrated release agents
 enable quick and efficient color transitions.
- Flexible Hardness Range
 Adaptable modular design allows Shore hardness
 from A50 to D83.
- Multiple Surface Effects
 Achieve diverse finishes on one part in a single process.



The VOTTELER® RIM-Line Family Grows The New PU931 and PU941 PURIFLOW®



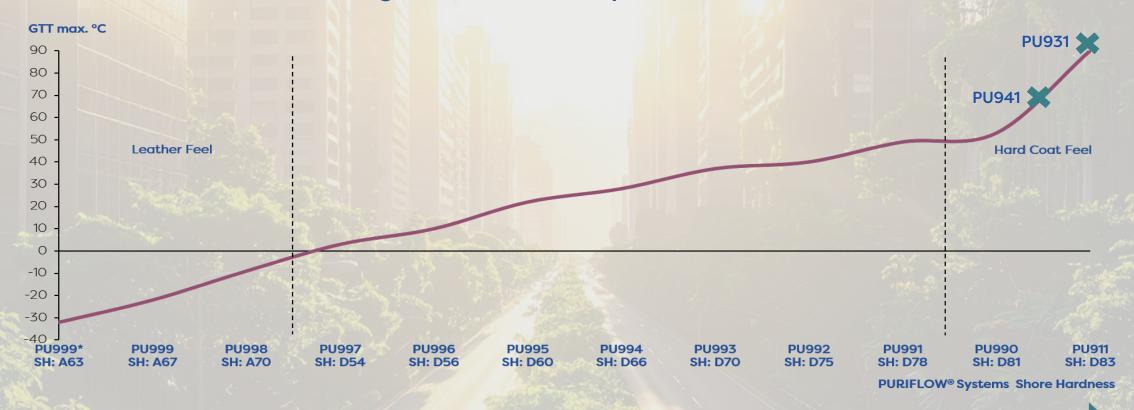


Polishable

Hard

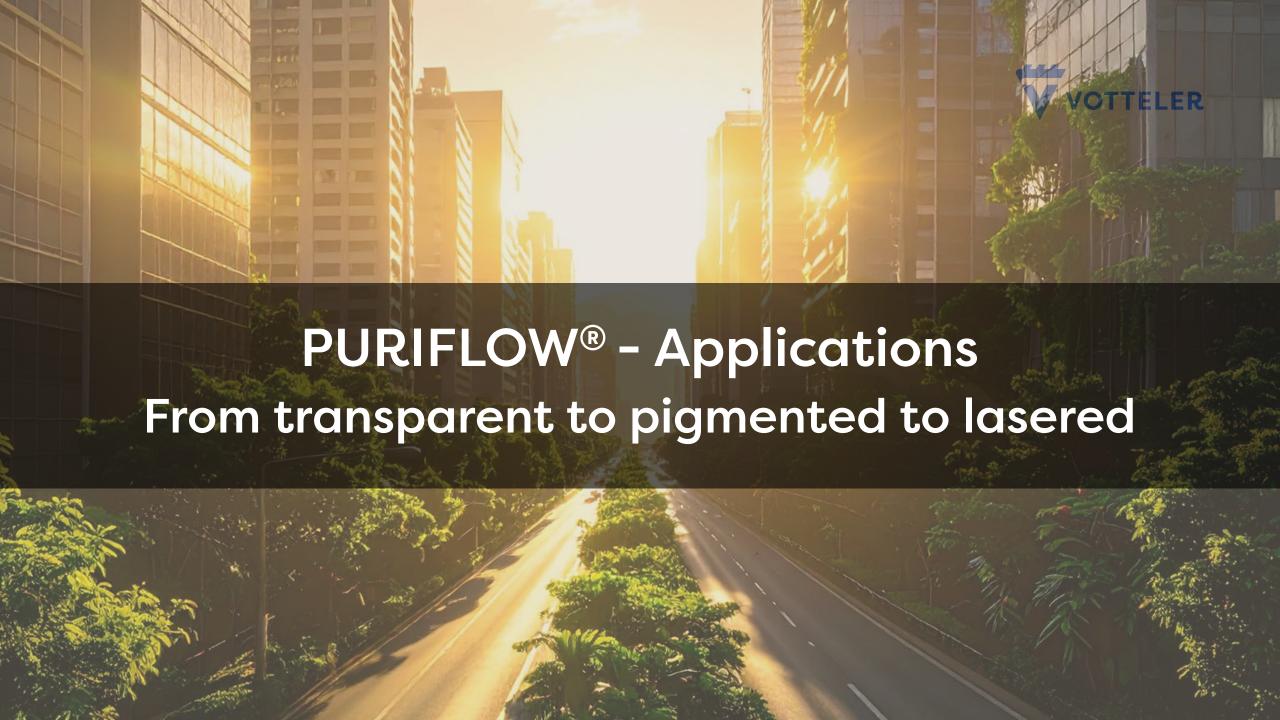
PURIFLOW® Adjustable shore hardness

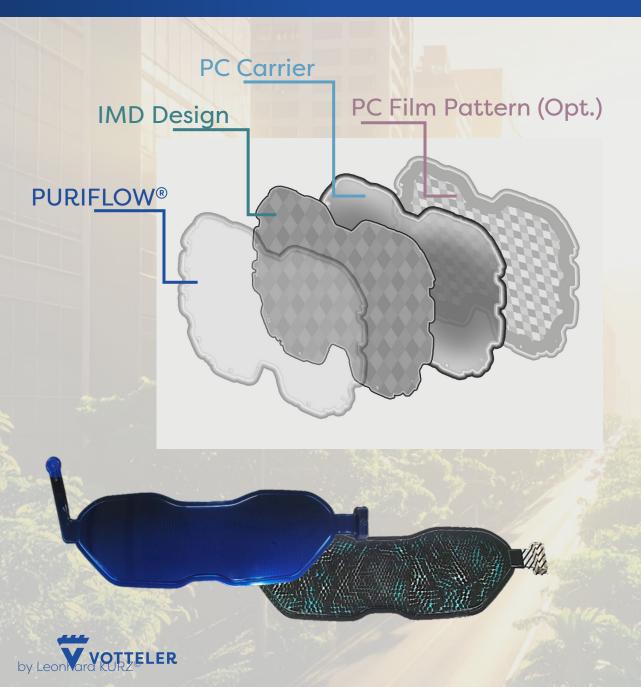
Shore hardness in relation to the glass transition temperature



low Hardness Level high







Front part for autonomous driving

- Ready for electromagnetic transparency
- Clear decorated surface and easy design change by changing the film or insert
- Surface design freedom
- Reflow Effect
- High UV- and heat stability
- Good adhesion to the film
- Cycle time: > 70sec



PURIFLOW® PU992 - Series approved material (exemplary)

Test	Specification	Assessment
Steam jet test	AA-0136	Passed ✓
Scratch inclination	GS 97034-8	Passed ✓
Scratch test	GS 97034-9	Passed ✓
Car wash brush resistance	AA-0054	Passed ✓
Chemical resistance	AA-0055	Passed ✓
Odor	GS 97014-4	Passed ✓
Light fastness	DIN EN ISO 105-B06	Passed ✓
Manual abrasion test	GS 97034-1	Passed ✓

PURIFLOW® - Piano black applications

VW Tiguan wheel arch liner









PURIFLOW® Colored applications

Substrate:

Makrolon® AG2677

Topcoat:

PURIFLOW® PU992

- Shore D72
- High scratch resistance
- TG @ > 40°C
- High chemical resistance
- Options:
 - Color- and effect-pigments
 - Gloss level
 - Post-process individualization (laser)

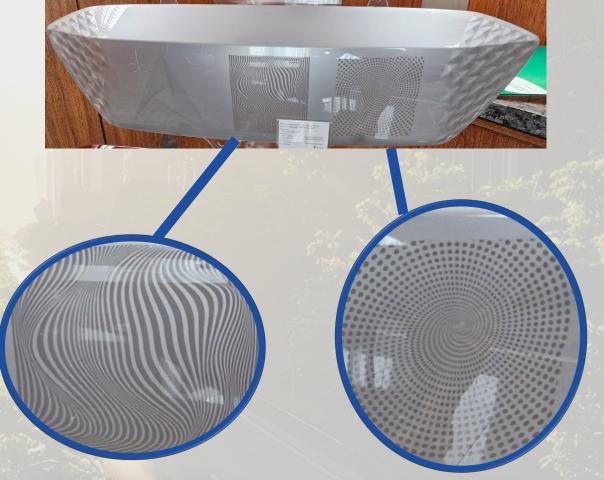
Lasered PURIFLOW®

PURIFLOW can also be lasered with Logos and Patterns. Great feature for lighting applications!











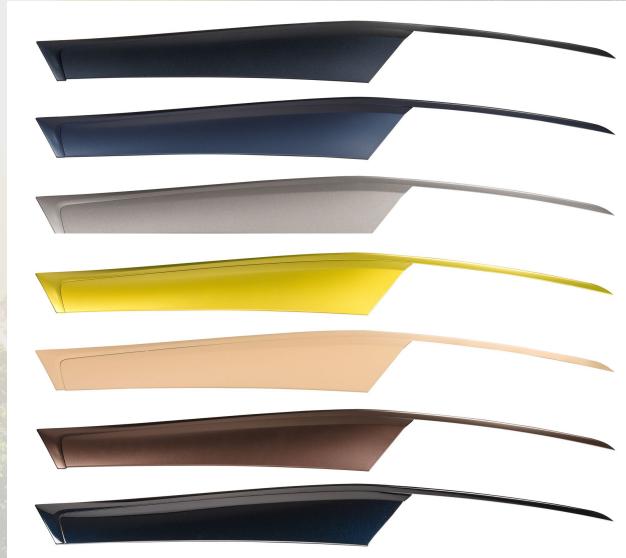


The Art of Color Creation: Precision meets Craftsmanship

A consistent appearance achieved through understanding of:

- Color fastness
- •Gloss/Texture
- Effect control
- Application method





Future of Exterior Design

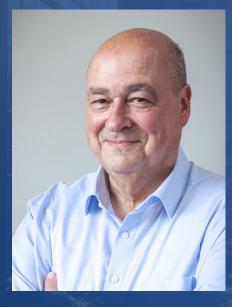
Innovation Ahead











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Thank you for your attention!