

Do You Dare to Visit RAMPF?!

IAAPA 2019: Spectacular aliens made from out-of-this-world board and liquid materials – Booth 2958

© RAMPF Group, Inc.

Page 1 of 3

Wixom, MI, USA, November 18, 2019. RAMPF Group, Inc. is presenting its high-performance range of advanced liquid polyurethanes for theme park and specialty tooling at IAAPA 2019, the global conference and trade show for the attractions industry – Booth 2958.

Outstanding consistency and quality, mercury-free and RoHS-compliant, as well as a wide range of handling, curing, and performance properties – RAMPF polyurethanes are opening up entirely new possibilities for theme parks, aquariums, and cruise ships.

At IAAPA 2019 from November 19 - 22 in Orlando, FL, the RAMPF booth is the place to go for spectacular exhibits, amongst others two eye-catching extraterrestrial specimens.



> Alien made from RAMPF's sculpting epoxy RAKU[®] TOOL EP-2344/EH-2944. The resin has E84 Class A Certification, achieving both excellent flame spread and smoke development values.

Compared to similar products on the market, RAKU[®] TOOL EP-2344/EH-2944 boasts significantly lower density. The resulting lower weight reduces costs and makes handling easier, especially when producing large sculptures and complete theming structures.

Mixing and processing of RAKU[®] TOOL EP-2344/EH-2944 is straightforward, as there is no running or sagging. While other materials are more runny and sticky, RAMPF's epoxy system is comparable to play dough and therefore very easy to apply. It is also easy to sand and paint, and textures can be applied with stamps and molded surfaces without any difficulty.

The model was manufactured by Weber Group based in Sellersville, IN, a leading design and construction

expert, using a fiberglass and metal substructure, which was then coated with RAKU[®] TOOL EP-2344/EH-2944.

Do You Dare to Visit RAMPF?!

IAAPA 2019: Spectacular aliens made from out-of-this-world board and liquid materials – Booth 2958



> Alien made from the modeling board RAKU[®] TOOL SB-0064. The lightweight, solvent resistant polyurethane board has a fine surface texture and an excellent heat deflection temperature. It is easy to mill and exhibits good chip formation.

The eyes of the model are made from InnoClear[™] OC-5313. RAMPF's portfolio of optically clear polyurethane resins encompasses Shore A and D systems, which produce water-clear prototypes and initial parts via automated meter mix dispensing, hand casting, and vacuum casting. Shore A resins offer high tear strength and good elongation; Shore D systems have good flexural modulus, excellent buffing and polishing characteristics, and are ideal for molding automotive lenses, light pipes, and housings for fluid testing equipment.

The alien was finished with RAKU[®] TOOL EP-2344/EH-2944 and RAMPF pourable sculpting epoxies and manufactured by the design and fabrication specialist Artistic Entertainment Ser-

vices (AES) based in Orlando, FL.

The backdrop of the RAMPF booth was designed and manufactured by White Sword Theming based in Kissimmee, FL, using the RAMPF's polyurethane board RAKU[®] TOOL SB-0160.

Do You Dare to Visit RAMPF?!

IAAPA 2019: Spectacular aliens made from out-of-this-world board and liquid materials – Booth 2958

www.rampf-group.com



RAMPF Group, Inc., based in Wixom, Michigan, is the North American subsidiary of the international RAMPF Group.

The product portfolio of RAMPF Group, Inc. is comprised of:

- > mixing and dispensing systems for the reliable processing of polymers
- > two-component polymer (or synthetic) systems based on polyurethane, epoxy, and silicone
- > modeling and mold engineering materials, in particular for the automotive, marine, and aviation industries
- > machine bases, machine frames, and other structural components made from mineral casting (polymer concrete)

The international RAMPF Group stands for engineering and chemical solutions and caters to the economic and ecological needs of industry. The Group secures its presence on the international markets with approx. 900 employees and six core competencies:

- > **RAMPF Machine Systems** based in Wangen (Göppingen), Germany, develops and produces multi-axis positioning and moving systems, trunk machines, and basic machines based on high-precision machine beds and machine bed components made from alternative materials.
- > **RAMPF Production Systems** based in Zimmern o. R., Germany, develops and produces mixing and dispensing systems for bonding, sealing, foaming, and casting a wide variety of materials. The company also offers a wide range of automation skills relating to all aspects of process engineering.
- > **RAMPF Composite Solutions** based in Burlington, Ontario, Canada, is a holistic composites supplier to companies in the aerospace and medical industries. The company offers a complete suite of services including composite part design and engineering, metal-to-composite conversion engineering, and composite manufacturing to very tight tolerances.
- > **RAMPF Eco Solutions** based in Pirmasens, Germany, develops chemical solutions for the manufacture of high-quality alternative polyols from PU and PET waste materials. This expertise is also put to use in the planning and construction of customer-specific facilities for manufacturing polyols.
- > **RAMPF Polymer Solutions** based in Grafenberg, Germany, develops and produces reactive resin systems based on polyurethane, epoxy, and silicone. Its product portfolio includes liquid and thixotropic sealing systems, electro and engineering casting resins, edge and filter casting resins, and adhesives.
- > **RAMPF Tooling Solutions** based in Grafenberg, Germany, develops and produces board and liquid materials for cutting-edge modeling and mold engineering. The range of skills includes made-to-measure services and products such as pastes, large-volume and full-size castings for Close Contour models, and prototyping systems.

RAMPF has subsidiaries in Germany, the U.S., Canada, Japan, and China.

All RAMPF companies are united under a holding company – **RAMPF Holding GmbH & Co. KG** – based in Grafenberg, Germany.

Published by:

RAMPF Group, Inc.
49037 Wixom Tech Drive
Wixom, Michigan 48393, USA
T +1.248.295-0223
F +1.248.295-0224
E info@rampf-group.com
www.rampf-group.com

Your contact for images and further information:

Benjamin Schicker
RAMPF Holding GmbH & Co. KG
Albstrasse 37
72661 Grafenberg, Germany
T + 49.7123.9342-1045
F + 49.7123.9342-2045
E benjamin.schicker@rampf-group.com