

## ARMOR unveils its new production site for additive manufacturing

On Tuesday 18 June 2019, Pierre-Antoine Pluinage, Business Development Director of ARMOR 3D and Nicolas Morand, RDI and Industrialization Manager of ARMOR 3D presented to the media the new ARMOR production site in the Loire-Atlantique region dedicated to additive manufacturing. The journalists were invited to attend a presentation on the impact of additive manufacturing on industry and the circular economy. It was followed by a tour of the 1,200m<sup>2</sup> site that includes 3 production lines, a print laboratory and a characterization laboratory.

*"The development strategy of the Kimya offering prioritizes the automotive, rail, aeronautics and maritime sectors. These key industrial sectors are currently facing the major challenge of transforming their industrial production using additive manufacturing. This new technology is able to respond to the issues of material wastage and specificity of both materials and applications that mass production has been struggling to come to terms with",* explains Pierre-Antoine Pluinage, Business Development Director at ARMOR 3D

### A unique additive manufacturing site in France

Covering over 1,200m<sup>2</sup>, the site incorporates multiple zones each dedicated to a different production mode:

- **The characterisation laboratory:** dedicated to R&D into new materials based on formulation chemistry.
- **The production workshop:** incorporating two extrusion lines and one double-screw line
- **The print lab:** personnel can produce pre-series and prototypes on more than 20 printers.
- **A product showroom.**

### A 360° solution meeting manufacturers' requirements

The creation of this unique R&D and production site enables ARMOR 3D to meet the wide range of manufacturers' requirements:

- Through the circular economy brand, OWA, for the design of recycled filaments;
- Through its 360° solution of materials formulation and finished parts production, *"Additive manufacturing is now more than ever focusing on industry, as it meets the demands for new materials and new applications being expressed by our industrial customers. The challenge for ARMOR 3D through the Kimya offering is to be able to develop these new materials in line with each customers' particular specifications."* explains Nicolas Morand, RDI & Industrialization Manager – ARMOR 3D

### Deep local roots and an international reputation

To enhance their international impact, the personnel of ARMOR 3D benefit from the strategic support of ARMOR subsidiaries based in Singapore and the US.

To support its development in Europe, ARMOR 3D has also recruited a business developer based in the Netherlands for the Benelux region, and another based in Berlin for Germany (European leader in additive manufacturing).

ARMOR specialises in the industrial formulation of inks and the coating of fine layers onto thin films. The Group is the global market leader in the design and manufacture of thermal transfer ribbons for printing variable traceability data on labels and flexible packaging. The European market leader in innovative and sustainable printing services and consumables, the Group is a pioneer in the development and production of industrial inks and innovative materials, such as organic solar films, coated collectors for electric batteries and bespoke filaments for additive manufacturing. With an international presence, ARMOR has nearly 1,900 employees in some 20 different countries. In 2018 it posted annual revenue of €256m. Each year the group invests nearly €30m in industrial equipment and R&D. ARMOR is a responsible company committed to stimulating innovation within society.

[www.armor-group.com](http://www.armor-group.com)

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