

Press release

marketing communication

TenCate Advanced Armour shows next generation helicopter armour at Eurosatory

TenCate Advanced Armour has developed a helicopter armour solution based on the Dyneema® Force Multiplier Technology from DSM which will dramatically reduce the weight and increase aircraft payload. The solution will be supplied to a European aerospace OEM and will be in service in a European country. TenCate Advanced Armour is official launch partner of DSM Dyneema at Eurosatory.

TenCate Advanced Armour is an EN/AS 9100 certified manufacturer of aerospace armour systems and has been supplying lightweight composite armour systems for a number of helicopters and fixed-wing aircraft, to OEMs such as AgustaWestland, Eurocopter / Airbus Helicopters and Embraer. This experience in development and design has resulted in the latest innovation in aerospace armour technology which offers up to 25% weight reduction compared to conventional aerospace armour solutions.

Jean Beugels, Program Manager Aerospace from TenCate Advanced Armour states: 'As business partner of DSM Dyneema, we were glad to be selected as co-development partner and supporting the setting of requirements for their technology platform, which is a breakthrough in ballistic performance without accepting concessions in secondary properties. It is an important new uni-directional composite as base material for creating cutting-edge ballistic solutions for applications in which weight reduction is the main driver'.

'We commend TenCate Advanced Armour for proactively addressing evolving requirements for lightweight helicopter and aircraft armour by creating an innovative solution based on Dyneema® Force Multiplier Technology', says Shitij Chabba, Global Business Segment Director, DSM Dyneema. 'Our co-development work with TenCate will benefit end-customers by enabling greater aircraft agility, fuel economy and payload capacity. We are confident that this leading-edge solution will significantly raise the bar for helicopter ballistic protection and performance.'

TenCate Advanced Armour has facilities in Denmark, France, Netherlands, the UK and USA, sales offices in India, Dubai and Singapore and is a global provider of customised, lightweight ballistic protection solutions for the complete range of requirements, from personal protection through all vehicle types, helicopter and aircraft applications as well as naval platforms up to and including principal warships.

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TenCate Advanced Armour
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For further information:

Digital pictures are on your request available via media@tencate.com

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TenCate Advanced Armour is a leading global supplier of a wide range of armour composite materials for ballistic protection. TenCate Advanced Armour develops and produces a portfolio of composite and ceramic materials and designs active armour solutions for the protection of police, army, air force, navy and civilian service personnel, vehicles and vessels. TenCate Advanced Armour has facilities in France, Denmark, Netherlands, the UK and USA and has sales offices in India, Dubai and Singapore.

Royal Ten Cate (TenCate) is a multinational company that combines textile technology with chemical processes and material technology in the development and production of functional materials with distinctive characteristics. TenCate products are sold throughout the world.

Systems and materials from TenCate come under four areas of application: safety and protection; space and aerospace; infrastructure and the environment; sport and recreation. TenCate occupies leading positions in protective fabrics, composites for space and aerospace, antiballistics, geosynthetics and synthetic turf. TenCate is listed on NYSE Euronext (AMX).