

Press release

LINDAL celebrates Prototype win at FEA Awards

Hamburg, Germany – November 11th, 2021



International aerosol dispensing specialists, LINDAL Group have recently won an FEA Global Aerosol Award for its PU foam gun, the Added Value Gun (AVG). Topping the Prototype 2021 category, the AVG was noted for its unique performance and sustainability features by the judges.

A fluid dispensing gun for one-component polyurethane foam, the AVG is a new patented device designed for use with industrial and home insulation tasks. It addresses longstanding end-user challenges of extensive foam curing time, lack of reusability, complexity of use and poor adhesion related to traditional PU foam applicators.

Group Marketing Manager, Kashif Choudhry says: “We are delighted that our PU foam gun and high delivery valve manufacturing experts have been recognised for their exceptional efforts in developing the AVG. We believe its wealth of benefits make it a high-level disruptor within the PU foam market with the potential to attract new end-users.”

AVG features

The AVG uses a dual barrel to operate a single trigger which first dispenses an additive/water to lightly moisturise the surface, followed by the PU foam. This pre-treatment method significantly decreases foam curing time compared to existing 1k gun applicators and produces a finer cell structure, improving the insulation properties of the foam.

The extended-life cycle of the AVG also results in less waste produced over time than many existing PU foam applicators which are not reusable. In addition, the use of compressed air through LINDAL’s Bag-On-Valve technology used to dispense the additive reduces the production of harmful Volatile Organic Compounds (VOCs).

Opportunities for manufacturers and fillers

As well as addressing sustainability and performance factors for end-users, the AVG presents new opportunities for manufacturers and foam distributors who can add the AVG to their existing ranges, offering this as a more cost-effective alternative for those who produce 1.5k foam guns. Fillers also gain as they are able to tailor the content of the additive inside the BOV can with a diversity of solutions, broadening their capabilities and benefiting their own customers.

Summing up the AVG, the FEA judges commented: “LINDAL’s Added Value Gun (AVG) is a game-changer. It improves performance and sustainability credentials compared to existing PU foam applications. Buildings are one of the largest sources of energy consumption in Europe, responsible for over a third of EU CO2 emissions, so this innovation addresses a key societal challenge.”

Kashif adds: “The scope and possibility with the AVG is far reaching and we are excited for its future. It is a fitting time to pick up this award as we look forward to that future and the AVG’s official launch in 2022.”

About LINDAL Group

LINDAL Group is a worldwide leader in the design, manufacture and sale of valves, actuators and spray caps used in aerosol products. The Hamburg, Germany-based company has more than 60 years of experience with innovative dispensing solutions for the cosmetics, household, health care, food and technical industries.

The LINDAL Group is represented by subsidiaries and licensees in more than 15 countries throughout Europe, Asia and The Americas. The company is renowned for its innovative designs, which deliver optimal functionality and return on investment. As a result, LINDAL aerosol dispensing solutions are the choice of the world’s most prestigious and trusted brands.

For more information, please contact: marketing@lindalgroup.com