



*Kutlusan's unique systems use Magnelis® to improve durability. Magnelis® helps to protect Kutlusan's systems from corrosion, which in turn reduces the risk of disease.*

# Magnelis® shines in the ultimate corrosive environment

## Turkish producer of chicken farm equipment uses Magnelis® to reduce the total cost of ownership

**Kutlusan is a Turkish company which produces equipment for chicken farms. Their EcoPlus line of products is made with ArcelorMittal's innovative Magnelis® metallic coating. Magnelis® offers long-term corrosion protection, even in harsh environments such as chicken farms.**

Kutlusan is a business which prides itself on the quality of its products. "We create quality equipment by using quality materials such as Magnelis®," says Hasan Buyukkutlu, General Manager of Kutlusan, Turkey's largest supplier of equipment for chicken farms.

### Improving corrosion resistance reduces disease risk

The company utilises Magnelis® on its EcoPlus, Unibro, Residence, Unifor, Enrichable–Enriched, and Centerbelt range of cage systems, and other equipment found on chicken farms. These systems are most often subjected to highly corrosive chicken manure, creating the harshest environment Magnelis® has ever had to withstand.

Magnelis® performs well in agricultural environments as it is able to withstand ammonia and humidity. It also offers very good scratch resistance, an important attribute in chicken farms.

Chicken waste is full of bacteria which can result in disease spreading quickly through a flock of birds if it is not cleaned away properly. "Bacteria typically lurk in the corroded parts of cage systems and equipment," Hasan Buyukkutlu explains. "Magnelis® reduces the risk of corrosion which has a corresponding impact on lowering the risk of infection."

Hasan Buyukkutlu estimates that Magnelis® extends the life of Kutlusan's products by three times compared to the regular galvanised steels the company uses in some of its other ranges. "Our customers are demanding more durable systems which do not corrode," notes Hasan Buyukkutlu. "That's why we started to use Magnelis® on the Kutlusan systems."

The main markets for Kutlusan's products are in North Africa, Asia, the Middle East and Mexico. "Magnelis® gives us a definite competitive advantage, particularly in North Africa and the Middle East,"

says Hasan Buyukkutlu. "There is a cost difference between products treated with Magnelis® and other corrosion protection systems. But Kutlusan, and our customers, are much more interested in the total cost of ownership of our high-value systems."

Kutlusan also promotes the use of Magnelis®, exhibiting alongside ArcelorMittal at exhibitions such as the VIV Turkey trade fair for the international poultry industry.

### About Kutlusan

Founded in 1996, Kutlusan produces equipment for chicken farms at its facilities in Turkey. Kutlusan has its own R&D department which designs most of the company's products, paying particular attention to the comfort and welfare of the chickens. Kutlusan operates five research barns where they can study the effect of changes in Kutlusan's equipment on the health of chickens, and the meat and eggs they produce.