

GRATINGS FOR MEAT-PROCESSING MACHINERY

CLIENT	TECNOALIMENTA FOR VARIOUS COMPANIES IN THE BUTCHERY AND COLD-CUTS PRODUCTION SECTOR
LOCATION	REGGIO EMILIA ITALY
USE	FOOD INDUSTRY - MEAT PRODUCTION
PRODUCT	FRP GRATINGS, IFR TYPE, SQUARE MESH 38X38 MM, VARIOUS THICKNESSES (25MM, 30MM, 38MM)
SERVICE	CUTTING TO SIZE



OBJECTIVE

The Customer, a leading player in the design and construction of machinery and items for the food industry, especially in the butchery and meat-processing sector, is looking for a solution for the realization of the **walking surface of platforms** dedicated to several operations of **meat-processing** (production of meat cuts and cold cuts).

For the production of meat-processing lines in full compliance with CEE sanitary standards, the Customer needs a **hygienic material** that ensures the **absence of migration of hazardous materials** – incompatible with the food industry – a proper **mechanical resistance** in relation with the design loads on the platform, being at the same time:

- **easy to clean**
- **easy to install** on a stainless-steel supporting structure
- **cost-effective**
- **cut to size** in accordance with the specific customer's needs.

SOLUTIONS

The **“IFR” gratings type**, produced with polyester resin, glassfiber and inorganic filling without halogens – that provides the fire-retardant behaviour, feature of the Standard Line of M.M. – has been adopted as technical solution. Such **gratings are certified to be durable along time**, without any decrease of the mechanical properties, even when exposed to cyclic heat/ cold exposure and humidity in accordance with UNI EN ISO 9142 Standard.

Moreover, no substances incompatible with the meat-processing activities are released.

This solution allows to **obtain an optimal value** for money in relation with the **resistance of the material**, both under the mechanical and the chemical point of view (especially during cleaning, which may require aggressive cleaning products).

The installation is easy, thanks to the **cut-to-size service** provided by M.M.