

The approvals



QUALITY SYSTEM

UNI EN ISO 9001/2000 Certificate

On completion of its commitment, Ticomm & Promaco is UNI EN ISO 9001/2000 certified for its business quality.

This certification ensures recognition of Ticomm & Promaco's contractual obligations and service.



ELECTRICAL - RAILWAY - INDUSTRIAL

Eurograte® - product certified by ENEL

Thanks to its special features, such as lightweight, durability and ease of installation, Eurograte® is suitable for numerous applications both in civil and industrial environments. The insulating, non-conductive properties are very appreciated in most of the applications. The Eurograte® gratings are manufactured in fire-retardant halogen free resin systems and therefore respect the current regulations for fire, smoke toxicity and optical density.



NAVAL - OFF SHORE

Eurograte® - product certified by RINA

Keeping to its obligation to manufacture highly guaranteed products, Ticomm & Promaco has obtained the RINA certification for the Eurograte® gratings according to the latest specifications. Manufactured with resins specifically chosen for the type of application, Eurograte® gratings can be successfully destined to installation on ships. On request: anti-static / conductive version.



ON THE JOB SAFETY

Anti-skid certified by BIA

Besides guaranteeing safety and durability, the silica grain integration system in the panel surface allows us to propose our anti-skid gratings in any slippery environment.

The BIA (main European Institute for job safety) has classified the anti-skid surface of Eurograte® gratings R 13 and V 10, according to DIN 51130 norm.



SUITABILITY FOR CONTACT WITH FOOD

Due to its special features Eurograte® grating can be installed in areas where it is likely to be in contact with alimentary products.

In fact it has been judged suitable for this purpose conforming to the N. 220 Ministerial Directive of 26/4/93 and to CE directives.

The approvals

RESISTANCE TO FIRE AND SMOKE DEVELOPMENT

Resins for all applications

The need of installing Eurograte® gratings in any type of environment led us to study and formulate special resin systems that respond to the most stringent norms for application in environments where reducing and containing the development of flames and fumes is indispensable. Manufactured and available in various types, isophthalic and vinyl ester resin systems, the gratings can be supplied in accordance to the following standards:



ASTM E84 - 97a
flame propagation
ASTM E84 - 97a
smoke development
ASTM E 662
smoke optical density

ASTM D635 - 91
combustion time
NES 713 - 2
smoke toxicity
NF-P92501/16-101
flame propagation

NF-P92501/16-101
optical density and
smoke toxicity

BS 476 Part. 7
fire retardance

EMPA
resistance to fire
and smoke development

DIN 4102-1
resistance to fire and
smoke development

LONG-LASTING DURABILITY OF CHEMICAL-PHYSICAL FEATURES AGEING TEST

Due to their high chemical resistance even in extremely aggressive environments, Eurograte® gratings keep their top-quality chemical-physical features unaltered over a long period of life.

For this purpose Eurograte® gratings were successfully tested in conformity with UNI EN ISO 9227 norms.



CONDUCTIVITY - DISSIPATION

Eurograte® gratings can be manufactured - on specific request - in special conductive / antistatic version. For this purpose our conductive / anti-static gratings were tested according to IEC 61340-5-1 and CEI EN 50014 norms.

Thanks to the positive result of these tests, our gratings can be installed in areas where it is indispensable:

- To prevent the build-up of unwanted static electricity;
- To facilitate the dissipation of any possible charge (generated or induced);
- To eliminate the risk of producing any type of spark.

