

GRATINGS FOR PLATFORMS AND GANGWAY SYSTEMS FOR THE COMFORT OF VISITORS WHO ACCESS THE NEW ZOO

CLIENT	ŁÓDŹ CITY ZOOLOGICAL GARDEN
PLACE	ŁÓDŹ, POLAND
USE	GRATINGS AND STEPS FOR THE WALKING SURFACE OF VISITORS' PATHS IN THE NEW WING DEDICATED TO THE AQUARIUM
PRODUCT	FRP GRATINGS TYPE SCH38/38 _ IFR AND SCH40/30 _ ISO _ ACS
SERVICE	TECHNICAL CONSULTANCY



OBJECTIVE

The products supplied are part of the ambitious project of enlargement of the Łódź city Zoological Garden; in particular, the gratings have been installed in the new impressive building called "Orientarium", in which the marine aquarium area, accessible through an underwater tunnel, is provided with tanks dedicated to exotic fish species and coral reef. The client needed a walking surface and access steps for a set of platforms and gangway systems. A chemically resistant material was required due to the corrosion caused by the artificially created brackish environment. Therefore, it had to be very durable without the need of maintenance, considering the high rate of transit of visitors and tourists, which is also the reason for the need for a good level of non-slippery.

SOLUTIONS

The project is composed of a set of gangway systems to allow visitors to enjoy the view of sea creatures, and a group of coverings for the canals placed next to the tanks as well. The choice fell on a grey square-mesh grating, SCH38/38_IFR type, which was delivered already custom sized after having studied the installation site layout. As for some areas, where the client requested a higher attention due to the direct contact with water, considering the frequent and dangerous presence of various rare fish species, the use of square-meshing grating, SCH40/30_ISO_ACS type made of pure isophthalic resin and certified for contact with drinking water, was preferred. M.M.'s choice has been greatly satisfactory considering all the requirements needed and ensuring the easiest solution for installation due to the well-known lightness of the material. All of this has made the completion of the works in due time possible when dealing with this project of great importance for Poland.