

## Fastening solutions for naval needs

### MÜPRO Maritim stands for:

- ▶ Production and sales of modular support systems for the shipbuilding industry
- ▶ Special pipe clamp fixing systems for the use in yachts, naval ships, passenger ships, cargo ships and other vessels
- ▶ A product portfolio, tailored to the needs of shipbuilding with a high grade of development know-how
- ▶ Planning and elaboration of support technology solutions for special tasks
- ▶ Innovative MÜPRO system solutions
- ▶ Particular regard to technologies for noise and vibration control
- ▶ Individual and special construction following customer specification
- ▶ Shock tested material by the WTD 71



Vibration controlled pipe mount on substructure



Pipe mount with wooden blocks and MPC channel system



Substructure made of MPC channel system



Pipe mount with MPC channel systems

# MÜPRO Maritim

## A brief portrait

MÜPRO Maritim, based in Hamburg, one of Europe's biggest seaports, is active world-wide and a major manufacturer and trading company in support systems for solving almost any challenge in shipbuilding. In addition to our products tailored to the needs of the shipbuilding industry, we offer a range of variable products, which you can order in modified versions to meet your requirements.

Our primary goal is to manufacture practical, workmanlike products of the highest quality. A number of highly qualified staff are available to provide advice on application techniques and assist in preparation – the best guarantee that our customers profit from our know-how and receive a high quality service.



Air duct and piping mount with MPC channel system

## The outstanding characteristics

- ▶ MÜPRO – system solutions "Engineered in Germany"
- ▶ Extensive market experience – 40 years as the pioneer of pipe supports and vibration control in the service of our customers
- ▶ On-going innovation to improve and extend the systems
- ▶ High quality products with approvals for general shipbuilding and navy
- ▶ Customer-oriented logistics
- ▶ Technical consulting service
- ▶ Individual customer solutions in all aspects of products and services
- ▶ IT business support, with a problem-free interface to the customer



Floorplate substructure with MPC channel system

## Core competences

- ▶ Product system matched to shipbuilding requirements with extensive product development know-how
- ▶ One-off unit fabrication and special designs to customer specifications
- ▶ Development and provision of software in all areas of planning of support solutions for complex pipework systems – including the positioning and dimensioning of anchor/expansion points
- ▶ Planning and drafting of support solutions for special tasks
- ▶ Nationwide on-site support from qualified staff



Pipe mounting in wooden ships with MPC channel system

# List of references

## Some references



## New ship constructions and conversions

### Ferries and passenger ships

- ▶ Fast cruise liner FM 155
- ▶ Double-end ferries "BC-Ferries"
- ▶ Ferry boat "BC-Ferries"
- ▶ Passenger ship "Rotterdam"
- ▶ Passenger ship "Queen Mary 2"

### Freighters

- ▶ RoRo Ferries "Pauline", "Yasmine"
- ▶ Container ships "SCI lyoti", "CFS Paranam"

### Mega yachts

- ▶ "Mayan queen", "Eclipse", "A", "Siren", "Opal", "Nahlin"

### Naval vessels

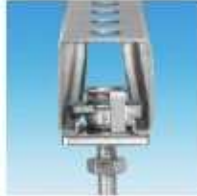
- ▶ Corvette type Meko® 100, Malaysian navy
- ▶ Corvette type Meko® A-200, South African navy
- ▶ Corvette K130 & frigate F124, German Navy
- ▶ Milgem Project, Turkish Naval Forces

# MÜPRO

Support systems for the shipbuilding industry



Anglebar



MPR support channel  
41.41 with quick fastener



MPC support channel



Quick fastener



Connector plate



Plane offset



Pipe clamp with  
Dämmgulaat® yellow



Pipe clamp 45° connection



Welded pipe holder



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