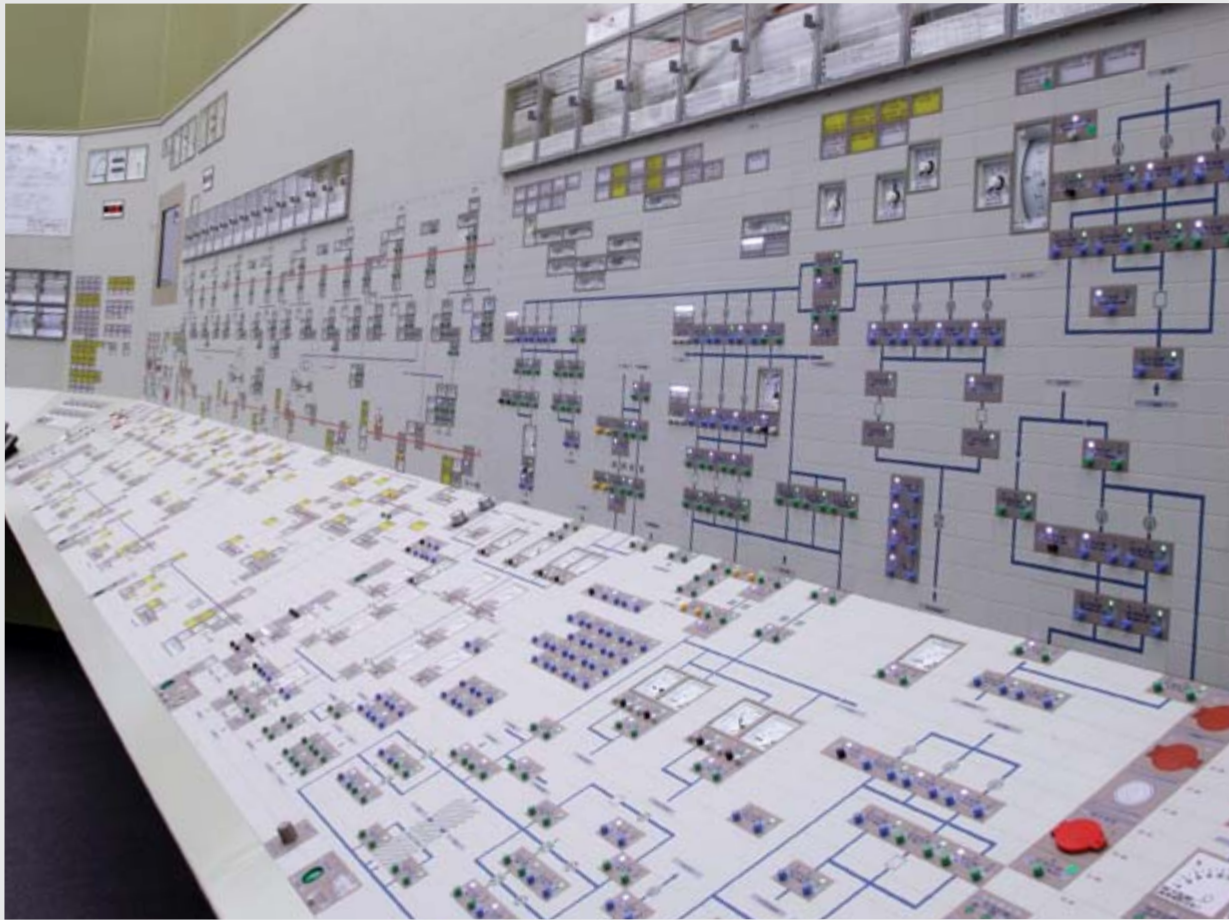


The image shows a complex industrial control room. The upper portion features a wall of electrical panels with various meters, switches, and indicator lights. Below this, a large floor-mounted control console is visible, densely packed with numerous buttons, switches, and indicator lights, all arranged in a structured grid. The overall scene is brightly lit, highlighting the intricate details of the control system.

mauell

Mosaicsystems

Mosaicsystems



MOSAICSYSTEMS

An informative and transparent method of function display and control is of great importance for the reliable monitoring of technical processes. This can be achieved by different methods. When it comes to the monitoring of static processes, mosaic mimic systems are an economical yet very effective way.

Mosaicsystems provide the operator with a clear overview of all the functions implemented for the plant to be monitored.

Our control and display panels made of mosaic-type building blocks are particularly suited for this task.

Thanks to their modular, expandable design they can be effectively matched to the specific requirements of the plant and the mounting location. Future expansion and modification can be achieved without great effort.

Being practically maintenance free and with a service lifespan of decades, our mosaic systems keep your operating costs low while guaranteeing a high level of modification flexibility.

The system comprises static display and control technology, such as illuminated modules, switches and push-buttons, mounted in a very rigid high-quality mosaic grid construction.

Our specifically developed mosaic systems are installed in numerous control rooms all over the world and offer themselves as optimal solution for a variety of processes. The self-supporting grid system allows the construction of straight or "continues" radius (not sectional) mosaic panels that can be installed without a frame. In addition, all of our standard square mosaic tiles can be rotated 90°. This feature reduces the number of symbol tiles required by possibly 50%. We developed a design concept that makes the planning and design of mosaic display walls an easy task. The mosaic displays can be easily modified and expanded as your system grows or changes. Our range of grid systems and mosaic blocks provides solutions for any type of mosaic display, allowing you to implement mosaic panels of any size and with very high component density. You can choose from a variety of grid systems to suit your individual requirements.

MOSAICSYSTEM M

Self-supporting grid system with very high rigidity and low weight for desk plates and mosaic panels of every size and with high component density.

The grid system consists of cross- and tee-elements, bolted together with spacers and screws.

The grid area is filled with normal tiles of 3 mm thickness or box tiles of 6,5 mm thickness.

The grid system can be mounted into circular or curved supporting structures.



3 mm tiles

6,5 mm box tiles

MOSAICSYSTEM T

Self-supporting grid system with high rigidity and low weight for medium and large size mosaic panels with high component density.

The grid area is filled with normal tiles of 3 mm thickness or box tiles of 6,5 mm thickness.

The grid system consists of modules which are plugged together with their dovetail joints.

The grid system can be mounted into circular or curved supporting structures.



3 mm tiles

6,5 mm box tiles

MOSAICSYSTEM MK

Self-supporting grid system with high rigidity and low weight for desk plates and mosaic panels of medium or large size with high component density.

The grid area is filled with normal tiles of 3 mm thickness or box tiles of 6,5 mm thickness.

The construction of this grid system is similar to the M mosaic system.

Guiding pieces are used for mounting the display and control modules..

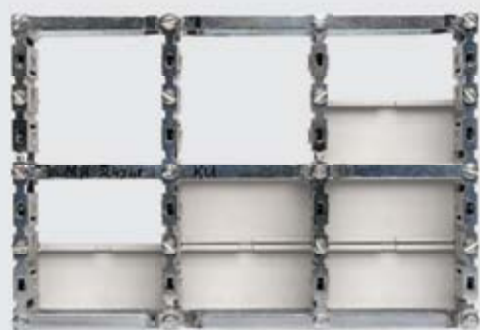


3 mm tiles

MOSAICSYSTEMS

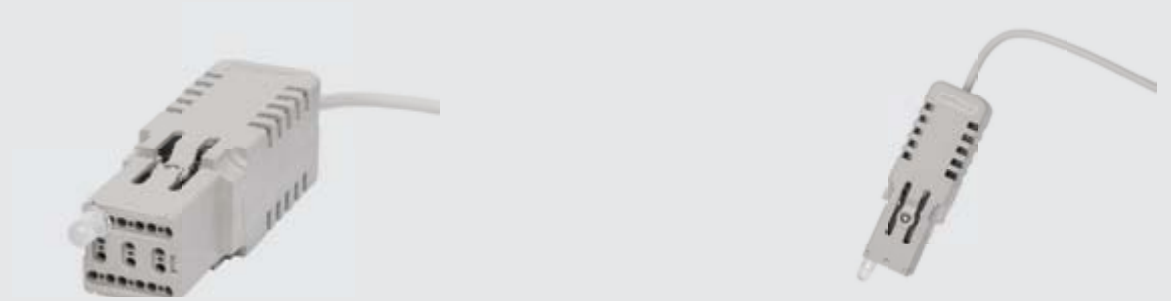
Tile Size mm	Mosaicsystem MK	R	W	Mosaicsystem T	R	W	Mosaicsystem MK	R	W
18 x 18	M18MK	3	18,6	-			-		
24 x 24	M24MK	4	14,5	M24T	10	12,3	-		
48 x 48	M48MK	9	7,6	M48	10	6,6	-		
24 x 48	-			M24x48T	10	7,5	MK24x48	9	7,7
48 x 48	-			-			MK48	9	7,5

R = minimum radius for curved design in m
 W = weight for grid with tiles in kg/m²
 Basic colours for standard tiles:
 pebble grey, beige, lime, brown, anthracite, white

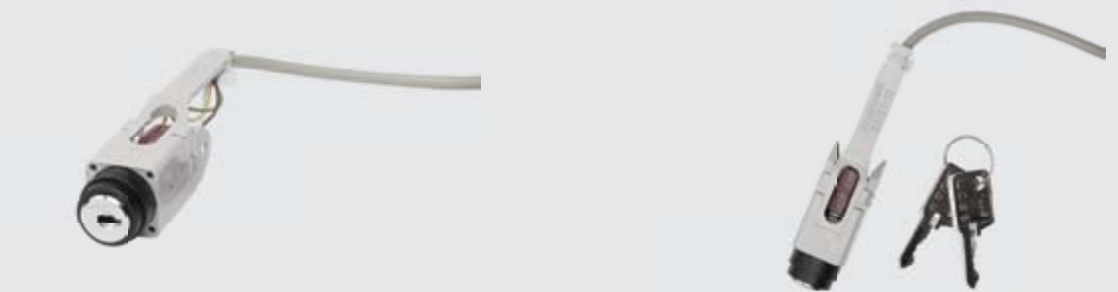


Grid Systems

Mosaic Mounting Components



Mounting Component

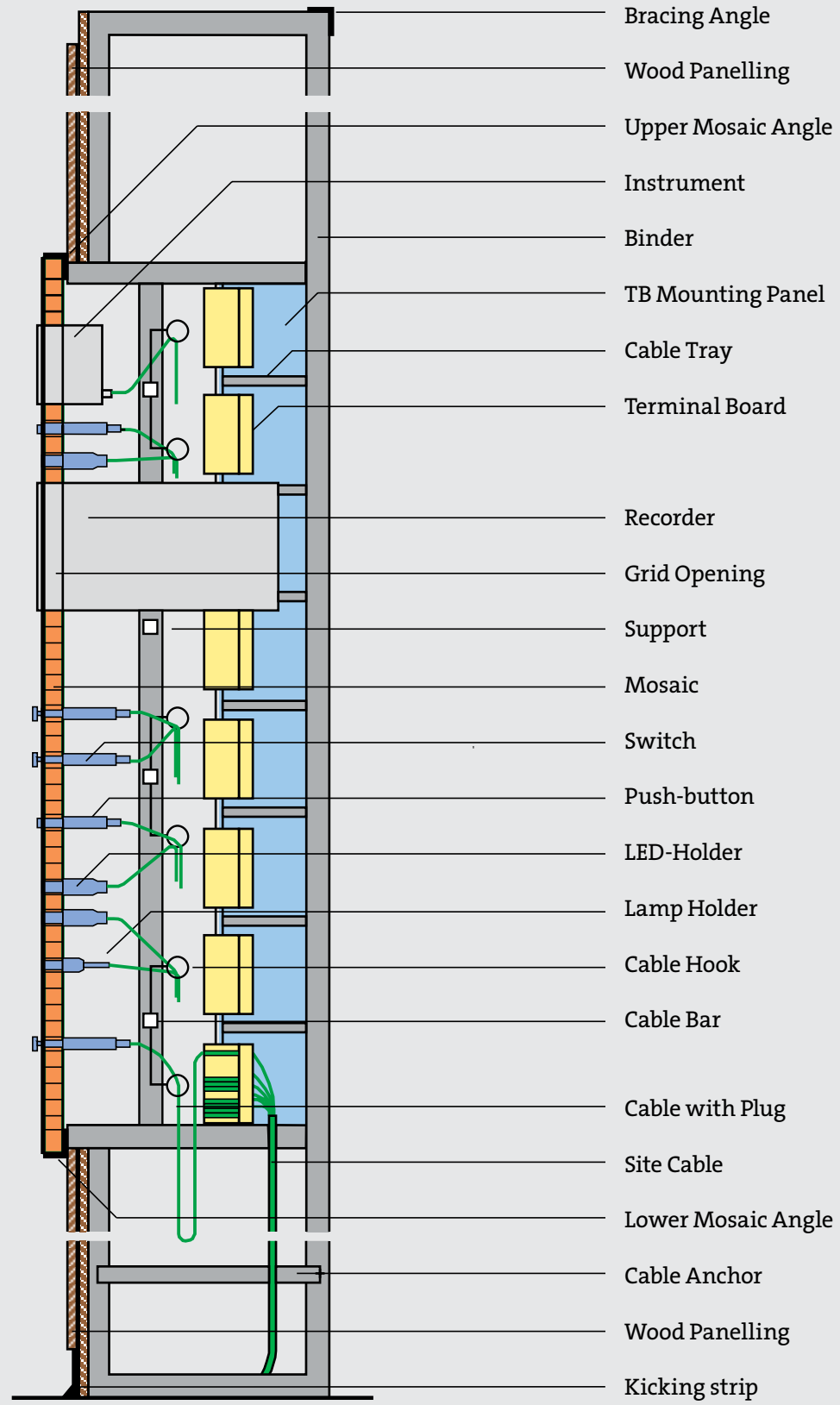


Mounting Component



Mounting Components

MECHANICAL CONSTRUCTION



Mechanical Construction

