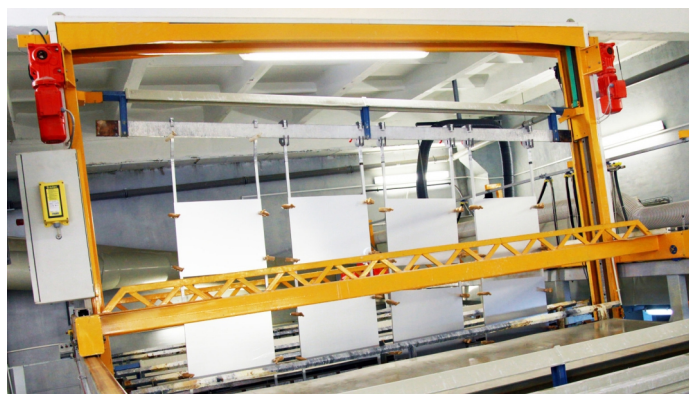




ANODIZED ALUMINUM SHEETS with sealing (closed-pored) or without sealing (open-pored)

In 2013 JV "KTM-2000" Ltd managed the production of a new product – anodized aluminum sheets with sealing (closed-pored) or without sealing (open-pored). The sheets are produced on our plant in Logoysk on the up-to-date robotized galvanic line constructed in 2012. For construction of the line the most modern equipment from Germany, Italy and Sweden was bought. Technological processes were developed by German experts. Only imported chemicals of the company Chemetall (Germany) are used in our production.



The open-pored anodized aluminum sheets can be used for printing by different methods. As a result, color pigments appear inside the pores of anodic layer and after hot sealing closing of the pores takes place. As a result information or images applied by such method have very high resistance to aggressive media, atmospheric precipitation, UV-radiation, solvents, alkalis, oils and other cutting compounds. In addition, this technology can be considered vandal-proof as it has following qualities: scratch resistance, resistance to applying of another images - they can be easily cleaned by solvents without spoiling of original image.



If you have any question – please contact our manager Dasha Solntseva, sd@ktm-2000.com, +375445677210

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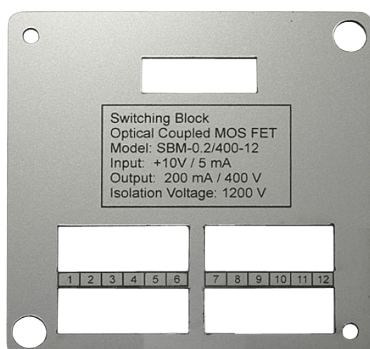
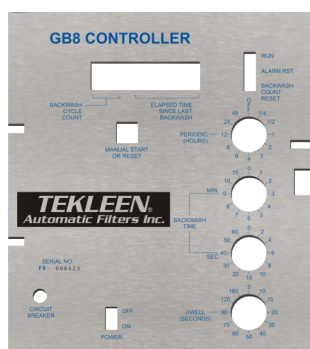
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ANODIZED ALUMINUM SHEETS with sealing (closed-pored) or without sealing (open-pored)

This method of printing on aluminum sheets is suitable for use in practically any environment, including in the countries with arctic and maritime climate.

The use of these products is very diverse: name plates, type plates, front plates, and control panels for a wide range of sectors, vanity panels, control panels for transport and military techniques, for instrumentation, in the architectural sphere, design and advertising.



The closed-pored aluminum sheets can be used for the process of sublimation and for chasing.

The sheets are produced from aluminum alloy 1050A (Serbia). They can be produced as well from the alloys 5052, 3103, 1070. The surface of the sheets is semimat, uniform, the texture of the metal is not expressed. The thickness of the sheets varies from 0,3 mm to 3 mm but the sheets of the thickness 0,5 mm have the best balance between price-quality. The sheets can be anodized in 5 basic colors: silver, gold, champagne, bronze, black. Silver sheets are the most used. The coloring is made by electrochemical, chemical and interferential methods. The thickness of the anodic layer is 15 micron which is sufficient for penetrating of the dye into the open pore and fixing in it.



silver

gold

champagne

bronze

black

The sheets are packed in the carton boxes, each sheet is handled by spunbond which exclude the contact between sheets. The sheets are packed by 12 pcs in the carton boxes. It is possible another type of packing which corresponds to the demands of our customers.

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