

Mechanical surface treatment of steel and aluminium

PROCESS DESCRIPTION

We treat the surface of aluminum and steel using three methods, depending on the result. We offer a brushing method, glass bead blasting and mechanical polishing.

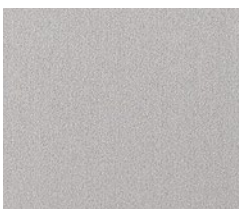
RESULT

Mechanical treatment is used to cover material defects (even quite deep scratches and scores) left after production processes, and to obtain an interesting finish with high aesthetic values. We use different methods of mechanical treatment.



BRUSHING METHOD (E2)

We perform surface brushing in various variants (Med., Hard, P120 and P80). We process flat elements and pipes using this method. Maximum brushing width on a flat surface: 170 mm. Maximum brushing diameter for pipes: 180 mm.



GLASS BEAD BLASTING (S1)

To achieve matt appearance of finished surfaces, we offer the perfect solution that consists in pressurised shotblasting of surfaces with use of glass balls (SZK. 200 and KOR). Dimensions of the shotblasting chamber: 800x870x640 mm



MECHANICAL POLISHING (POL)

To achieve shining surfaces, in particular before electrochemical polishing, we suggest preliminary polishing (POL).



CUTTING ALUMINUM PROFILES

Maximum cross-section 140x100 mm
Cutting at the angle of 90°
Minimum length of sections: 50 mm
Accuracy: $L_{\pm 1}$

Note! All services are carried out to order, according to individual customer's needs.