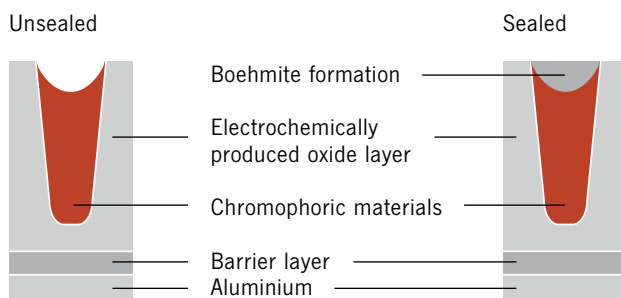


We advise you on our procedural options, the colour palette and the characteristics of surface treatment engineering.

The procedural principle (schematic)



Natural-colour anodising is a precondition for colouration. The colouration takes place in additional procedural steps.

Colouration

The actual colouring of the original sample is influenced by various factors:

- The type of semi-finished product, the composition of the alloy and the composition of the material's structure
- The mechanical processing and surface roughness
- The mechanical and/or chemical pre-treatment
- The layer thickness

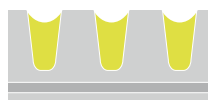
Due to their layer structure, GS-anodised layers form an excellent basis for colouration. The colouration procedure takes place between the anodising and the final sealing. Here, the dye is embedded in the pores and the sealing process gives it optimal protection.

BWB Natural Colour (Colourless)



- Layer thicknesses 10, 15, 20, 25 µm
- Maximum durability, environmentally friendly procedure

BWB Colour Anodising



Adsorptive colouration procedure

- Layer thicknesses 15, 20, 25 µm
- Bright colours, no chalking

Colour selection

The BWB Group provides you with a broad palette of colours. The colour palette is shown in our colour chart for industry. For correct evaluation of colours, we recommend that you get us to carry out sampling with the envisaged original alloy and the planned surface finish.

BWB 210 – Black Schlierholz 16 Black	BWB 321 – Grey	BWB 320 – Grey Schlierholz 15a Dark Grey	BWB 312 – Grey	Schlierholz 15 Light Grey
				
BWB 340 – Violet Schlierholz 13 Violet	BWB 220 – Dark Blue Schlierholz 12 Dark Blue	BWB 221 – Medium Blue	BWB 222 – Light Blue Schlierholz 11 Light Blue	BWB 230 – Turquoise
				
BWB 313 – Dark Green	Schlierholz 10 Green	BWB 314 – Light Green	BWB – Bronze 21 Schlierholz 14b Bronze 21	BWB – Bronze 5 Schlierholz 14a Dark Bronze
				
BWB – Bronze 3 Schlierholz 14 Light Bronze	BWB 250 – Dark Red Schlierholz 8 Fire Red	BWB 251 – Light Red Schlierholz 7 Signal Red	BWB 240 – Orange	BWB 241 – Orange Schlierholz 6 Orange
				
Schlierholz 5 Gold	BWB 260 – Brass Schlierholz 4 Brass	BWB 270 – Sunflower Yellow	Schlierholz 9 Lemon Yellow	BWB 280 – Yellow
				
BWB 281 – Light Yellow	BWB 261 – Argentan Schlierholz 3 Dark Argentan	Schlierholz 2 Light Argentan	BWB 200 – Colourless Schlierholz 1 Colourless	
				

The colour samples shown in this colour chart serve only as orientation. For technical reasons, it is impossible to print an exact reproduction of how the material appears after anodising and colouration of the aluminium. For correct evaluation of the colour tone, please use the original aluminium alloy designated for manufacture. For sampling of coloured aluminium components, contact our sales advisors.