



RETRO SILVER



BACK TO THE ROOTS

In a world where trends come and go, the charm of retro design remains timeless. “Retro Silver” is a tribute to the elegance of past decades, reinvented with a modern twist. The design story begins in the 1960s, an era known for its bold colors, geometric shapes and relentless drive for innovation. Memories are awakened: Retro Silver is not just a design style, it is a way of life. It is the combination of past and present that radiates a calmness and reminds us that classic design is here to stay.

SUSTAINABILITY

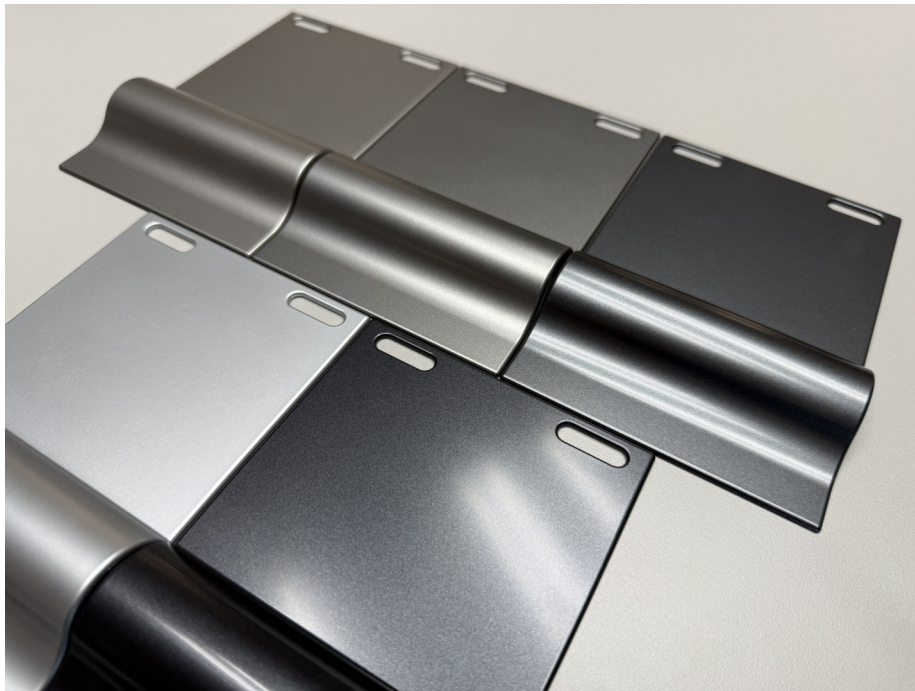
The modern awareness of sustainability combined with the elegance of times passed creates a space that both evokes nostalgic memories and is environmentally friendly: Retro Silver combines the lower carbon footprint of Liquid Chrome through the use of **bio-based raw materials** with a further reduction in the **carbon footprint** by the usage of **recycled pigments**.

The coarse appearance creates a desired “recycled” impression and thus underlines the “retro look”.

The bio-based content leads to a reduction in CO2 equivalents of approx. 105g per kg of paint. Raw aluminum generates approx. 10kg of CO2 equivalents per kg of aluminum during production. By using recycled aluminum, approx. 95% of the energy quantity can be saved. Depending on the amount of aluminum pigment used, several 100g of CO2 equivalents are saved per kg of paint.



Product			Content of renewable raw materials / %						CO ₂ Eq. / kg CO ₂ by kg product	
			Coating		Coating + fossil hardener		Coating + ECO-hardener			
Number		Name	liquid	solid	liquid	solid	liquid	solid	CCF	PCF
6414-9XX	PEHACRYL 2C Chrome-1	Tinted Silver	1,6	12,2	0,6	9,1	1,9	22,6	0,8	7,4
DV2500061	PEHACRYL 2C Chrome-1	Retro Silver	1,6	11,4	0,8	8,7	2,3	21,3	0,8	6,6
DV2500062	PEHACRYL 2C Chrome-1	Retro Silver	1,5	9,7	0,7	7,5	2,2	19,2	0,8	6,7
DV2500063	PEHACRYL 2C Chrome-1	Retro Silver	1,4	10,9	0,7	8,1	2,2	21,6	0,8	6,9
DV2500064	PEHACRYL 2C Chrome-1	Retro Silver	1,4	10,4	0,7	7,8	2,2	20,9	0,8	6,9
DV2500065	PEHACRYL 2C Chrome-1	Retro Silver	1,3	10,1	0,6	7,5	2,1	20,9	0,8	6,8
Similar proportions of bio-based carbon									CO ₂ savings approx. 7 %	



FROM THE LITERATURE

approx. 10 kg CO₂e per kg of raw aluminum
 approx. 16.5 kg CO₂e per kg of consumable Al;
 Recycled Al, requires only approx. 5% of the energy required for primary

Disclaimer:

The values show the CO₂ equivalents in kg CO₂ / kg product from gate-to-gate (PETER/LACKE receipt to customer receipt). Scope 1, 2 and 3 of the Greenhouse Gas Protocol (GHG Protocol) are taken into account, including the quantities for the raw materials (=PCF) and furthermore **excluding the quantities for the raw materials (=CCF)**. Standard values from common databases were determined, from which the CO₂e of the raw materials and thus of the products can be better estimated. In addition, adjustment factors were applied in the calculation to take into account the differences in the production processes of the individual products. The values provided have been assessed based on existing data and may be adjusted as more data on the supply chain becomes available.