AUTOMOTIVE

By creating sophisticated engineering parts, Slim works to make cars lighter and **more energy-efficient.** Our particular focus is on dedicated solutions for the new generation of electric cars.

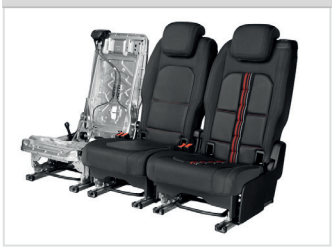
Our commitment to **work together with our customers** is making it possible that new applications are created to provide **greater efficiency and safety** for various parts of the car.

MARKETS

Strict production parameters guarantee a homogeneous surface and constancy in mechanical properties along different batches.

CAR INTERIOR

COMPONENTS



ACOUSTIC AND THERMAL INSULATION

STRUCTURAL PARTS

TECHNICAL DATA

Alloys Acc. to EN 573-3	EN-AW 1050A EN-AW 1200A EN-AW 3103 EN-AW 3003 EN-AW 3005 EN-AW 5005 EN-AW 5052	EN-AW 5251 EN-AW 5754 EN-AW 6082 EN-AW 8006 EN-AW 8011A EN-AW 8079
Temper Acc. to EN 515	O, H1x, H2x, H3x	
Thickness Tolerances Acc. To EN 485-4	From 0,2 to 3,0mm	
Coil Width Tolerances Acc. To EN 485-4	From 30mm to 1500*mm	*1600mm possible for some alloy/thickness combination
Sheet Width Tolerances Acc. To EN 485-4	From 500mm to 1250mm	Thickness up to 0,5mm
	From 500mm to 1600mm	Thickness from 0,8mm up to 3,0mm
Sheet Length Tolerances Acc. To EN 485-4	From 500mm to 2480mm	Thickness up to 0,5mm
	From 500mm to 6000mm	Thickness from 0,8mm up to 3,0mm
Surface (one side guaranteed)	Mill Finish	Ra [µm] ~0,30
	Stucco embossed	From 0,26mm to 2,0mm
Surface treatment	Chemical degreasing/DOS reoling up to 0,5mm	
Mechanical properties	Acc. To EN 485-2	
Inner diameter roll [mm]	400/500mm	Paper core only possible for thickness < 2,0mm
Outer diameter roll [mm]	O, H1x, H2x, H3x	
Surface protection	On request paper interleave or plastic film.	PE film: Low-Medium-High adhesion and suitable for laser cutting

Other alloys/temper and dimensions can be produced on request.

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SLIM ALUMINIUM