

Galfan[®]

Technical Datasheet

Uses

This zinc based coating performs exceptional corrosion resistance, sacrificial protection, formability, weldability and paintability. This alloy is used for continuous galvanizing.

Chemical specification

Chemical composition Guaranteed analysis (in %)	Galfan 7	Galfan 10
Al	6.6 – 7.4%	9.4 – 10.6%
Ce*	0.02 – 0.06%	0.02 – 0.06%
La*	0.02 – 0.06%	0.02 – 0.06%
Pb	≤ 0.005%	≤ 0.005%
Cd	≤ 0.005%	≤ 0.005%
Fe	≤ 0.075%	≤ 0.075%
Sn	≤ 0.002%	≤ 0.002%
Cu	≤ 0.03%	≤ 0.03%
Mg	0.01 – 0.03%	0.01 – 0.03%
Zn	balance	balance

* Other concentration available after request

Physical data

Physical property	Galfan 7	Galfan 10
Density (solid @20 °C) (kg/dm ³)	6.3	6.1
Solidification range (°C)	382~400	382-422

Available shapes/package

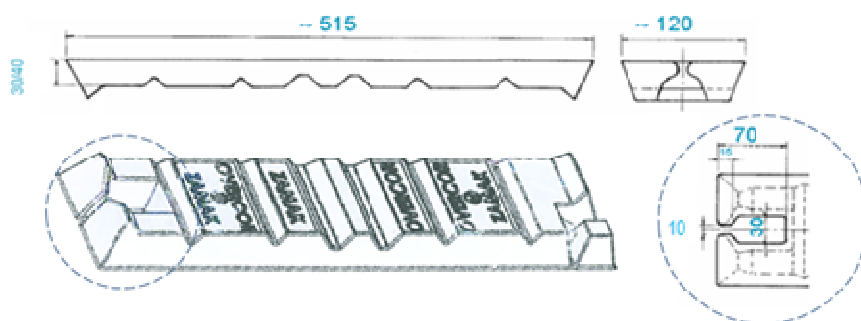
Shape/package	Nominal weight (in kg)	Dimensions (in mm)
Slab	7.3 ~ 7.7	515 x 120 x 40
Foot	12.4 ~ 13.1	510 x 110 x 120
Slab bundle (72 slabs + 4 feet per bundle)	560 ~ 600	515 x 515 x 620

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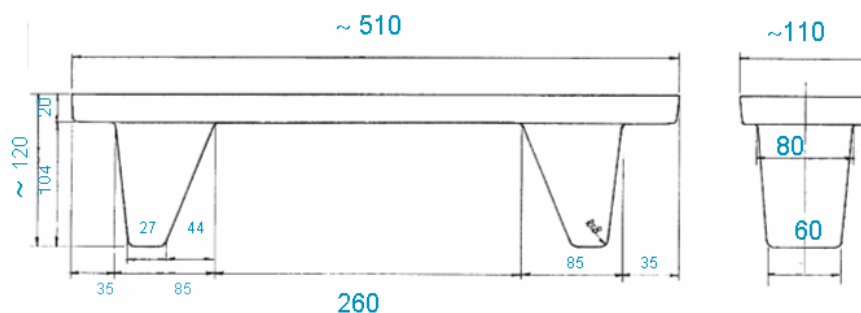
Slab (72 slabs per bundle)

Nominal mass 7.3 ~ 7.7 kg
Dimensions 515 x 120 x 40



Feet (4 per bundle)

Nominal mass 12.4 ~ 13.1 kg
Dimensions 510 x 110 x 120



Slab bundle (72 slabs + 4 feet per bundle)

Nominal mass 560~600 kg
Dimensions 515 x 515 x 620

