



METAL UNION sp. z o.o.
ul. Żyzna 11 F
42-200 Częstochowa, POLSKA
tel: +48 34 3661300
fax: +48 34 3661350

TECHNICAL DATA SHEET

0,3 ZINC COATED STEEL SPACER

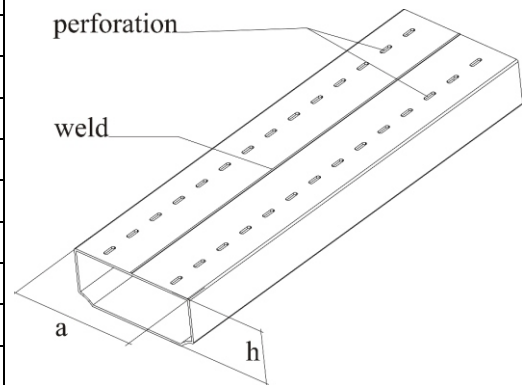
FOR INSULATING GLASS UNITS

Edition: 6
Pages: 1/1
Valid from: 01.01.2024

Material:

Zinc coated steel band, DX51D+Z, EN 10142

Dimensions [mm]			Quantity in containers [lm]	Quantity in boxes [lm]
Nominal	Width a	Height h		
6	5,5	6,6	21420	2016
8	7,5	6,6	17640	1512
9	8,5	6,6	15540	1260
10	9,5	6,6	13860	1176
12	11,5	6,6	11760	1008
14	13,5	6,6	10080	840
15	14,5	6,6	9660	756
16	15,5	6,6	8820	756
18	17,5	6,6	7980	672
20	19,5	6,6	7140	588



Nr.	Spacer properties		Dimensional tolerance
1.	Zinc coated steel band width [mm]		± 0,05
2.	Zinc coated steel band thickness[mm]	0,3 mm	± 0,02
3.	External dimensions [mm]	Width a	± 0,15
		Height h	± 0,15
4.	Length [mm]		+ 10,0
5.	Surface defects: corrosion, , traces of dirt , scratches visible from the distance of 1m.		unacceptable
6.	Twisted spacer and straightness deviation		unacceptable
7.	Weld discontinuity, nicks, holes		unacceptable
8.	Perforation should allow moisture to migrate from outside into interior of spacer, but it should not permit excessive dusting of the desiccant inside the frame, after the panels have been glazed. This function is particular related to the bender operation and to the desiccant quality. If the bender is set not correctly, the bending can deform the spacer and disturb the function of the perforation holes. <u>It is always necessary to check if the system consisting of spacer, bending machine and desiccant works well together.</u>		
9.	Lubrication is used during the forming of the spacer. Lubricant agent will evaporate and leave the surface practically without any volatile elements..		
10.	Passivation of material is completely unique and provides full adhesion to polysulphide, polyurethane and silicone.		

Packaging: Spacers are packed in bundles of 14 pieces and packed in cardboard boxes or containers secured with film. .

Labelling: Label on the front of the packaging with: Producer's name, product's name, quantity, length (&lm) batch number.

Shelf life: In a dry place; supplier's packaging; temperature min. 10°C; 6 months from delivery date. Broken packaging, high humidity and variations in temperature will have an effect on the spacer surface. It is always necessary to check if the stock conditions are acceptable.

Tests of the product: Production of spacers is monitored through random checks. Available data- 1 year.

Metal Union fulfills all the requirements of EN 1279 regarding the Zinc Coated Steel Spacer. A Specific quality contract can be agreed upon the customer's request.

Metal Union is a Certified Manufacturer according to PN-EN ISO 9001:2015