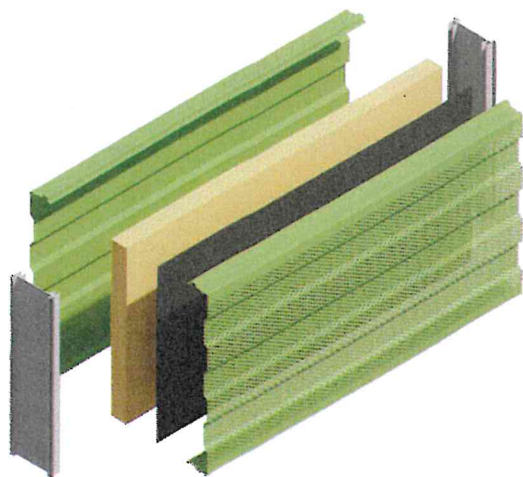
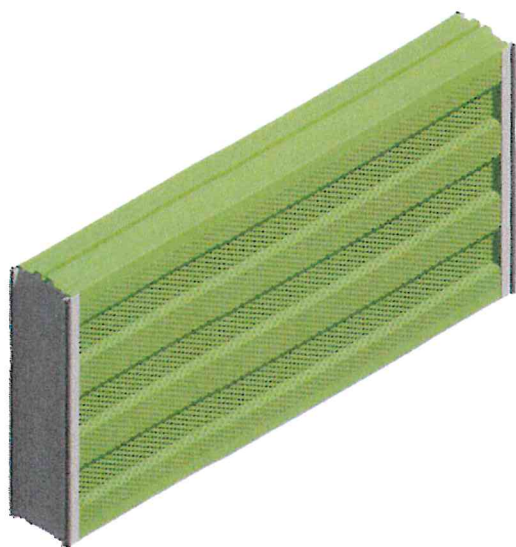


TECHNICAL CARD

WAG NC – NOISE CATCHER TYPE B

Acoustic panels for communication and industrial noise barriers



Dimensions:

Length: from 3,0 m to 5,0 m

Height: 500 mm

Width: 81mm, 125 mm

Acoustic parameters

Absorption class by EN 1793-1: A4

Insulation class by EN 1793-2: B3

Properties:

The panels are made of aluminum

Installation in types of poles HEB/HEA (120, 140, 160, 180, 200)

Guarantee: max. 10 years

One side absorption: WAG NC – NOISE CATCHER



EN 14388

Parameters	WAG NC
Max. static load (L=4,0 m)	1,95 kN/m ²
Dynamic load at snow plowing (L=4,0 m))	15,0 kN/2x2m
Dead weight when dry	12,36 kg/m ²
Environmental protection	Recycling 100%
Resistance to fire of bushes	Class 3
Sound insulation R _w	32 dB
Insulation from air sounds DL _R	28 dB
Noise absorption DL _α	14 dB

PRODUCT SPECIFICATION			Specification-number:	DRAFT
Customer:			Revision :	0
Product:	Corrugated sheets for sound barriers		Date:	12.02.2015
Covers:	Main side of the product (outer face)		Sign.:	V. Sigvartsen
	SPECIFICATION Coil coated aluminium delivered by Hydro Aluminium Rolled Products AS, are produced and controlled to meet the EN 1396 and EN 13523 norms.	NORM USED	REQUIREMENT Other norms apply only upon request and agreement	
1	METAL		EN AW 3005 H44 or H45	
1.1	Pre treatment	Hydro Internal	Coils and sheets are degreased and chromium free electrochemically pre treated on both sides (Hydro Hot AC)	
1.4	Nominal metal thickness Tolerance on metal thickness	EN 485-4	1,20 mm +/- 0,040 mm	
1.5	Tolerance on flatness	EN 485-4	According to table 7, d/f max 1%	
1.6	Tolerance on lateral bow	EN 485-4	According to table 8, max 3mm measured over 2000 mm length.	
1.7	Tolerance on width	EN 485-4	572 mm / +1,5/-0	
2	MAIN SIDE COATING		High durable polyester	
2.1	Coating thickness	EN 13523-1	35 +/- 4 microns (depending on colour)	
2.1.1	Primer Main colour		Polyester 10 +/- 2 micron (depending on colour) Polyester 25 +/- 2 microns (depending on colour)	
2.2	Colour	EN 13523- 3 EN 1396	According to approved sample. DL +/-0.8,DA +/-0.8,DB +/-0.8, DE < 1,0 Max deviation pro.axis between two deliveries max. 0.8 Metallic coatings excluded, Ref. EN 1396 Part C.2	
2.3	Gloss	EN 13523-2	80 %	
2.4	Bending	EN 13523-7	T 1,5	
2.5	Impact	EN 13523-5/6	T0	

3	Long term properties of main side		
3.1	Salt spray test (Camera of fog saline)	EN 13523-8	1000 h. – max corrosion 1,5 mm
3.2	Water immersion resistance	EN 13523-9	1000 h. OK No changes Blistering less than 6F
3.3	Humidity resistance	ASTM D2247-92	1000 h. No blistering, cracking, peeling or loss of gloss
3.4	QUV B test	n.a.	4000 h. – condensation temperature 60/40°C Reduction of gloss < 10% Change of colour < 5 NBS units Chalking < 8
3.5	Temperature resistance	n.a.	Will support 220°C for 5-10 sec. Without being damaged or change colour / gloss.
4	REVERSE SIDE		Epoxy
4.1	Coating thickness	EN 13523-1	5 + / - 1 microns
5	PACKING SPESIFICATIONS		
5.1	Packing of coil		Agreed Hydro standard
5.2	Inner diameter, outer diameter, coil weight etc.		As agreed and specified in purchase order
6	DELIVERY DETAILS		As specified in purchase order
7	HEALTH & SAFETY	EU Directive 2002/95/EC	No toxic substances are released into the environment from the Hydro Products as delivered to The product does not represent any danger to health during the processing of end product or in a fire and can therefore be used in food processing locations, hospitals, scools and general public areas.