



Notified body # 0800

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**KOHLHAUER  
ALUMNA**

BE-SSHA

Designed by R.Kohlhauer GmbH  
Product produced in Germany

2014

### EN 14388:2005

Noise barrier for reducing traffic and all other noise,  
acoustic single side high absorbent

Acoustic element type:	Kohlhauer ALUMA® BE-SSHA
Standard size L x H x T:	3,96 x 0,50 x 0,12 m
ALuminium sheets:	t = 1,0 mm - punched Rv 5/8 (front) t = 1,2 mm - unpunched (rear)
Chords:	Aluminium, t=1,5 mm
Post type:	HE-A/-B/-M, (U-) 160

Dry weight:	0,18 kN/m <sup>2</sup>
Reduced wet weight:	0,25 kN/m <sup>2</sup>

#### Resistance to loads:

Max. horiz. load (90°)	(wind and self weight):	3,28 kN/m <sup>2</sup>
Max. vert. load (0°)	(stapeling of elements):	1,36 kN/m
Max. horiz. load (90°)	(snow clearance):	NPD

Danger of falling debris:	NPD
Stonechip resistance:	Satisfied
Resistance to brushfire:	Class 3

Airborne sound insulation:	DL <sub>R</sub>	=	25 dB (category B3)
Airborne sound absorption:	DL <sub>α</sub>	=	13 dB (category A4)

Durability:	NPD
Estimated service life, acoustics	15 years
Estimated service life, struture	30 years