



Notified body # 0800
Initial Type Test S 2.1/12-009-1
2012-01-13

R. Kohlhauer GmbH
Draisstr. 2
76571 Gaggenau
Germany

Tel.: +49-(0)-7225/9757-0
Fax: +49-(0)-7225/9757-26
info@kohlhauer.com
www.kohlhauer.com



Designed by R.Kohlhauer GmbH
Product engineered in Germany

2012

EN 14388:2005

Noise barrier for reduction of traffic and all other noise,
acoustic absorbent and insulating.

Acoustic element type KOHLHAUER® ALUFERA

Standard size L [m] x H [m]	3,96x1,00	4,96x1,00	4,96x1,50
Element thickness T [m]	0,122		
Steel grid a_v [mm] x a_H [mm]	Ø 6 / (250/200) x Ø 6 / 197		
Post type	HE-A/-B/-M, (U-) 160/180/200		

Dry weight [kN]	0,97	1,36	2,06
Reduced wet weight [kN]	1,62	1,43	2,79

Resistance to loads :

Wind- and dead load [kN/m ²]	1,40	1,22	0,98
Vertical load [kN/m]	4,87	4,51	4,43
Snow clearance (dyn. load) [kN/(2 x 2) m ²]	15,00	9,56	NPD

Other resistances :

Impact of stones	Fulfilled
Fire (brushwood)	Class 1

Acoustics :

Sound Absorption	DL _a [dB]	11 / Gruppe A3
Sound Insulation	DL _R [dB]	28 / Gruppe B3

Durability:	NPD
-------------	-----

Estimated service life, acoustics / structure [years]	15 / 30
--	---------