

YDEEVNEDEKLARATION

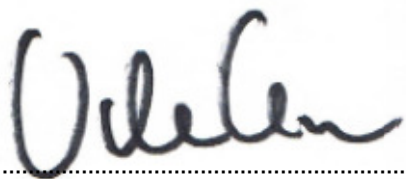
Nr. 1001-1

1. Varetypens unikke identifikationskode	DGE120 (154ECON)-B2/A3/Rw26	
2. Tilsigtet anvendelse/ intended use:	Road traffic noise reducing devices and barriers for circulations areas according to tab. ZA 2.	
3. Fabrikant / Producer:	PileByg A/S, Villerup Hovedgaard, Villerupvej 78, 9800 Hjørring, Danmark (contact adress) PileByg A/S, Hvidstedgaard Hovedgaard, Hvidstedvej 75, 9830 Tårs, Danmark	
4. Bemyndiget repræsentant:	-	
5. System til vurdering og kontrol af konstansen af ydeevnen / attestation of conformity systems	AVCP system 3	
6a. Harmoniseret standard / European standard Notificerede organer / notified bodies:	DS/EN 14388/AC, 1. udgave, 2008-09-03 Belgian Building Research Institute (BBRI), Boulevard Poincaré 79, 1060 Brussels, Belgium. Notified Testing Laboratory n° 1136 Danish Electronics, Light & Acoustics (DELTA), Venlighedsvej 4, 2970 Hørsholm, Denmark. Notified Testing Laboratory n° 0199 Verification of the calculation of the structural stability (n° DE611XB128/SC08003) Measurement of Sound Absorption Coefficient (Journal no AV 1446/07, project no A580743) FPC og SQA is conducted according to PileByg Main handbook for organization and policy on FPC, SQA, APV/HSE, corresponding to procedures as in Quality management systems - requirements DS/EN ISO 9001.	
7. Deklareret ydeevne / Declared characteristics	Declared characteristics from DS/EN 14388/AC, 1. udgave, 2008-09-03, Tab ZA 1 produced according to tab ZA2 and TAb ZA3.	Testmetode / test method
Sound absorption DL_{α}	9 dB Category A3	DS/EN 1793-1:1997
Sound insulation DL_R	22 dB Category B2	DS/EN 1793-2:2012
Resistance to loads Self-weight of an acoustic element	Dry weight: 32 kg/m ² Reduced Wet weight: 43 kg/m ²	DS/EN 1794-1:2011 Annex B
Maximum vertical load an element can withstand	1,0 kN/m.	DS/EN 1794-1:2011 Annex B

Maximum normal (90°) load an acoustic element can withstand	0,94 kN/m ²	DS/EN 1794-1:2011 Annex A
Maximum normal (90°) load a structural element can withstand	1,5 M height: 3,86 kN/m; 2,0 M height: 2,15 kN/m 2,5 M height: 2,16 kN/m; 3,0 M height: 2,18 kN/m	DS/EN 1794-1:2011 Annex A and B
Maximum bending moment a structural element can withstand at groundlevel	1,5 M height: 4,31 kNm; 2,0 M height: 4,31 kNm 2,5 M height: 6,75 kNm; 3,0 M height: 9,79 kNm	DS/EN 1794-1:2011 Annex A and B
Dynamic load from snow	Project specific calculations performed.	DS/EN 1794-1:2011 Annex E
Risk of falling debris	Class 0	DS/EN 1794-2:2011 Annex B
Light reflectivity	NPD	DS/EN 1794-2:2003 Annex E
Release of dangerous substances	No dangerous substances in applied materials.	DS/EN 1794-2:2003, Annex C
Acoustic characteristics	No reduction in acoustic characteristics has been observed. On site test reports can be requested.	DS/EN 14389-1:2008 not applied.
Non acoustic characteristics	Service life Acoustic element: 50 years Service life structural element: Material undressed and in contact with the ground: Acacia: Years>36 years	DS/EN 14389-2:2004 not applied

Ydeevnen for den vare, der er anført ovenfor, er i overensstemmelse med den deklarerede ydeevne. Denne ydeevnedeklaration er udarbejdet i overensstemmelse med forordning (EU) nr. 305/2011 på eneansvar af den fabrikant, der anført ovenfor.

Underskrevet for og på vegne af producenten:



Vibe Gro, Ansvarlig for FPC,SQA, APV/HSM

Villerup Hovedgaard, 18.03.15