YDEEVNEDEKLARATION / EC DECLARATION OF PERFORMANCE

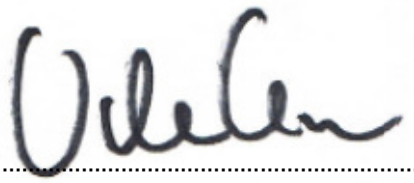
Nr. 1002-1

1. Varetypens unikke identifikationskode	DGE240 (154ECON)-B3/A2/Rw37	
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 kontral af konstansen af ydeevnen / attestation of confirmity 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 DI_α	5 dB Category A2	DS/EN 1793-1:1997
Sound insulation DL_R	32 dB Category B3	DS/EN 1793-2:2012
Resistance to loads Self-weight of an acoustic element	Dry weight: 65 kg/m^2 Reduced Wet weight: 89 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/m2	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 overnfor, er i overensstemmelse med den deklarerede ydeevne. Denne ydeevnedeklaration er udarbejdet i overenstemmelse med forordning (EU) nr. 305/2011 på eneansvar af den fabrikant, der anført ovenfor.

Underskrevet for og på vegne af producenten:



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

Villerup Hovedgaard, 18.03.2015