**YDEEVNEDEKLARATION / EC DECLARATION OF PERFORMANCE**

Nr. 1004-1

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|---|---|---|
| **1. Varetypens unikke identifikationskode** | DGE240 (250)-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)<br>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**<br><br>**Notificerede organer / notified bodies:** | DS/EN 14388/AC, 1. udgave, 2008-09-03<br>Belgian Building Research Institute (BBRI), Boulevard Poincaré 79, 1060 Brussels, Belgium.<br>Notified Testing Laboratory n°1136<br>Danish Electronics, Light & Acoustics (DELTA), Venlighedsvej 4, 2970 Hørsholm, Denmark.<br>Notified Testing Laboratory n°0199<br>Verification of the calculation of the structural stability (n°DE611XB128/SC08003)<br>Measurement of Sound Absorption Coefficient (Journal no AV 1446/07, project no A580743)<br>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 $DI_\alpha$** | 5 dB<br>Category A2 | DS/EN 1793-1:1997 |
| **Sound insulation $DL_R$** | 32 dB<br>Category B3 | DS/EN 1793-2:2012 |
| **Resistance to loads**<br>Self-weight of an acoustic element | Dry weight: 65 kg/m$^2$<br>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 |

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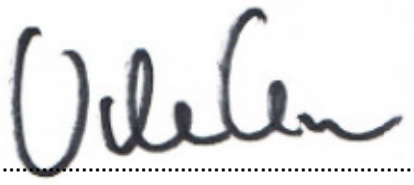
|---|---|---|
| Maximum normal (90°) load an acoustic element can withstand | 0,94 kN/m2 | DS/EN 1794-1:2011 Annex A |
| Maximum normal (90°) load a structural element can withstand | 1,5 M height:- ; 2,0 M height; 4,1 kN/m<br>2,5 M height: 4,2 kN/m; 3,0 M height: 3,6 kN/m | DS/EN 1794-1:2011 Annex A and B |
| Maximum bending moment a structural element can withstand at groundlevel | 1,5 M height: - ; 2,0 M height: 8,2 kNm<br>2,5 M height: 13,2 kNm; 3,0 M height: 16,1 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<br>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**