Declaration of Performance

DoP No: 01_MUTE_SYSTEM_23_28/3/2018
02_MUTE_SYSTEM_33_28/3/2018
03_MUTE_SYSTEM_63_28/3/2018
04_C_MUTE_SYSTEM_23_03/4/2018
05_C_MUTE_SYSTEM_33_03/4/2018
06_C_MUTE_SYSTEM_63_03/4/2018

1. Unique identification code of the product -type:

MUTE SYSTEM 23 EN 15283-2
MUTE SYSTEM 33 EN 15283-2
MUTE SYSTEM 63 EN 15283-2
C-MUTE SYSTEM 23 EN 15283-2
C-MUTE SYSTEM 33 EN 15283-2
C- MUTE SYSTEM 63 EN 15283-2

2. Intended use or uses:

Thin-layered panelling system for sound insulation of walls, ceilings and floors in domestic and commercial refurbishment or new building applications.

3. Manufacturer:

DECIBEL LTD.
8, VASIL KIRKOV STR.
SOFIA, BULGARIA
www.decibelinternational.com

4. Authorised representative:

Not relevant

5. System/s of AVCP:

systems 3 and 4

6. a) Harmonised standard: EN 15283-2:2008+41:2009

Notified body/ies: Centre for Testing and European Certification LTD (CTEC LTD) (NB 1871) has conducted the audit of the fire behaviour of the system 3 and the following is displayed: fire Glass A2-s'1, d0. Initial type testing and factory production control by the manufacturer.

b) European Assessment Document: **Not relevant** / European Technical Assessment: **Not relevant /**Technical Assessment Body: **Not relevant** / Notified body/ies: **Not relevant**

7. Declared performance/s:

Essential characteristics	**Declared performance**	**Harmonised technical specification**
Bending strength - F	> 5,5 N/mm2	EN 15283 2: 2008 + A1: 2009
Shear strength - ↑ ↓	NPD	EN 15283 2: 2008 + A1: 2009
Reaction to fire	A2-sl, d0 (EN 13501-1)	EN 15283 2: 2008 + A1: 2009
Water vapour diffusion coeff. μ	15 (EN 12086)	EN 15283 2: 2008 + A1: 2009
Thermal conductivity λ	s 0,30 W(m.K) (EN 12667)	EN 15283 2: 2008 + A1: 2009
Airborne sound insulation Rw	65 dBA	BDS EN ISO 10140 2: 2010
Sound-absorption - α	NPD	EN 15283 2: 2008 + A1: 2009
Impact resistance - →I	NPD	EN 15283 2: 2008 + A1: 2009

8. Appropriate Technical Documentation and/or Specific Technical Documentation: **Not relevant**

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No. 30512011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

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PhD. Eng. Tsvetan Nedkov
(CEO)

Sofia 6/4/2018