

# Declaration of Performance

According to the Construction Products Regulation EU no. 305/2011

DoP document no. **1488-CPD-0337/W**

1. Unique Product identification code:

**PC-275AB-EB**

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

**PC-275AB-EB**

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

**Fire detection and fire alarm systems - Part 24:  
Components of voice alarm systems – Loudspeakers**

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

**TOA Corporation  
7-2-1 Minatojima-Nakamachi, Chuo-ku, Kobe 650-0046, Japan**

Trademarks:



**TOA**



**TOA**

5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):

**TOA Electronics Europe GmbH  
Süderstraße 282, 20537 Hamburg, Germany**

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

**System 1**

7. The construction product is covered by a harmonized standard:

**ITB, notified body number 1488**

*performed type testing and the initial inspection of the manufacturing plant and of the factory production control with continuous surveillance assessment and approval of the factory production control under system 1 and issued the EC certificates of conformity:*

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8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

**Not applicable, see item 7**

9. Declared Performance

| Essential characteristics   | Performance  | Harmonised technical specification                  |
|---|--|---|
| Performance under fire condition  | 4.2: passed<br>5.2: passed<br>5.3: passed<br>5.4: passed<br>5.5: passed  | EN 54-24: 2008<br>Articles 4.2, 5.2, 5.3, 5.4, 5.5  |
| Operational reliability   | 4.3: passed<br>4.4: passed<br>4.5: passed<br>5.6: passed<br>5.18: passed | EN 54-24: 2008<br>Articles 4.3, 4.4, 4.5, 5.6, 5.18 |
| Durability of operational reliability:<br>Temperature resistance          | 5.7: passed<br>5.8: n. a.<br>5.9: passed                                 | EN 54-24: 2008<br>Articles 5.7, 5.8, 5.9            |
| Durability of operational reliability:<br>humidity resistance             | 5.10: passed<br>5.11: passed<br>5.12: n. a.                              | EN 54-24: 2008<br>Articles 5.10, 5.11, 5.12         |
| Durability of operational reliability:<br>corrosion resistance            | 5.13: passed   | EN 54-24: 2008<br>Article 5.13                      |
| Durability of operational reliability:<br>impact and vibration resistance | 5.14: passed<br>5.15: passed<br>5.16: passed<br>5.17: passed             | EN 54-24: 2008<br>Articles 5.14, 5.15, 5.16, 5.17   |

n. a.: not applicable

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

Signed for and on behalf of the representative by: Toshio Sakata (managing director)

Hamburg, 4. July 2013



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