



**DECLARATION OF PERFORMANCE**  
**In accordance with annex III of Regulation (EU) 305/2011**

**No. 000022-CPR/2013**

1. Unique identification code of the product-type:

**ARDEX X 77 S**

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

**See batch number and date of manufacture on packaging**

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

**Improved Deformable Fast Setting cementitious adhesive for internal and external use with reduced slip and extended open time.**

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

**ARDEX UK Ltd,  
Homefield Road,  
Haverhill,  
Suffolk,  
CB9 8QP**

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

**Not applicable**

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

**System 3**

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

**EN 12004:2007+A1:2012**

The notified body **MATERIALPRUFUNGSAMT NORDRHEIN-WESTFALEN (MPA NRW)** with the identification number **0432** performed the test according to EN 12004:2007 under **System 3** and issued the following:

**Test Report No. 220005626-06-01**

The notified body **LGA TECHNOLOGICAL CENTER, S. A./Applus** with the identification number **0370** performed the test according to EN 12002 under **System 3** and used the following:

**Test Report No. 11/3114-1507**

**Reaction to fire performance has been declared in accordance with the Commission Decision of 9th February 2010 establishing the classes of reaction-to-fire performance for certain construction products as regards adhesives for ceramic tiles.**



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

**Not applicable**

9. Declared performance

| Essential characteristics  | Performance   | Harmonised technical specification |
|--|---|------------------------------------|
| Reaction to fire   | Class E   | EN 12004:2007<br>+A1:2012          |
| Bond strength as:<br>- early tensile adhesion strength<br>- initial tensile adhesion strength  | $\geq 1.0\text{N/mm}^2$<br>$\geq 1.0\text{N/mm}^2$                            |                                    |
| Durability for:<br>- tensile adhesion strength after heat ageing<br>- tensile adhesion strength after water immersion<br>- tensile adhesion after freeze thaw cycles | $\geq 1.0\text{N/mm}^2$<br>$\geq 1.0\text{N/mm}^2$<br>$\geq 1.0\text{N/mm}^2$ |                                    |
| Extended Open time: tensile adhesion strength  | $\geq 0.5\text{N/mm}^2$<br>after not less than 30 minutes                     |                                    |
| Early tensile adhesion strength after 6 hours:   | $\geq 0.5\text{N/mm}^2$   |                                    |
| Slip   | $\leq 0.5\text{mm}$   |                                    |
| Deformable adhesive: transverse deformation  | $\geq 2.5\text{ mm}$ and<br>$< 5\text{mm}$                                    |                                    |
| Release of dangerous substances  | See SDS   |                                    |

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.  
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Michael Langdon  
Technical Manager

Haverhill 25/06/2013



**DECLARATION OF PERFORMANCE**  
**In accordance with annex III of Regulation (EU) 305/2011**

**No. 000031-CPR/2013**

1. Unique identification code of the product-type:

**ARDEX X 77 W S**

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

**See batch number and date of manufacture on packaging**

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

**Improved Deformable Fast Setting cementitious adhesive for internal and external use with reduced slip and extended open time.**

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

**ARDEX UK Ltd,  
Homefield Road,  
Haverhill,  
Suffolk,  
CB9 8QP**

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

**Not applicable**

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

**System 3**

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

**EN 12004:2007+A1:2012**

The notified body **MATERIALPRUFUNGSAMT NORDRHEIN-WESTFALEN (MPA NRW)** with the identification number **0432** performed the test according to EN 12004:2007 under **System 3** and issued the following:

**Test Report No. 220005626-06-01**

The notified body **LGA TECHNOLOGICAL CENTER, S. A./Applus** with the identification number **0370** performed the test according to EN 12002 under **System 3** and used the following:

**Test Report No. 11/3114-1507**

**Reaction to fire performance has been declared in accordance with the Commission Decision of 9th February 2010 establishing the classes of reaction-to-fire performance for certain construction products as regards adhesives for ceramic tiles.**



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

**Not applicable**

9. Declared performance

| Essential characteristics  | Performance   | Harmonised technical specification |
|--|---|------------------------------------|
| Reaction to fire   | Class E   | EN 12004:2007<br>+A1:2012          |
| Bond strength as:<br>- early tensile adhesion strength<br>- initial tensile adhesion strength  | $\geq 1.0\text{N/mm}^2$<br>$\geq 1.0\text{N/mm}^2$                            |                                    |
| Durability for:<br>- tensile adhesion strength after heat ageing<br>- tensile adhesion strength after water immersion<br>- tensile adhesion after freeze thaw cycles | $\geq 1.0\text{N/mm}^2$<br>$\geq 1.0\text{N/mm}^2$<br>$\geq 1.0\text{N/mm}^2$ |                                    |
| Extended Open time: tensile adhesion strength  | $\geq 0.5\text{N/mm}^2$<br>after not less than 30 minutes                     |                                    |
| Early tensile adhesion strength after 6 hours:   | $\geq 0.5\text{N/mm}^2$   |                                    |
| Slip   | $\leq 0.5\text{mm}$   |                                    |
| Deformable adhesive: transverse deformation  | $\geq 2.5\text{ mm}$ and<br>$< 5\text{mm}$                                    |                                    |
| Release of dangerous substances  | See SDS   |                                    |

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.  
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Michael Langdon  
Technical Manager

Haverhill 25/06/2013