

## Declaration of Performance (DOP)

### Aggregate Concrete Masonry Unit

1. Unique Identification code of the product type:

CODE	DESCRIPTION
KR BL 100mm	100mm Standard
KR BL 150mm	150mm Solid
KR BL 300mm	300mm Foundation
KR BL 350mm	350mm Foundation
KR BL 100mm 13N	13N 100mm Standard

2. Intended use or uses: **In walls, columns and partitions.**

3. Name, registered trade name or registered trade mark and contact address of the manufacturer:

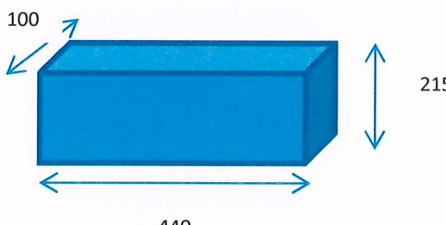
Keohane Readymix Ltd.,  
Dromkeen, Innishannon , Co. Cork.

4. System or systems of assessment and verification of constancy of performance of the construction product:

EN771-3 : 2001 + A1 2015	System 2+
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5. Notified Certification body: **NB 0050 : N.S.A.I**

## 6. Declared Performance:

Essential Characteristics		Declared Performance
Dimensions	Length	440mm
	Width	100mm
	Height	215mm
	Tolerance	D1
Configuration	Shape + Features	
	Group according to EN 1996-1-1 (ECG)	
Compressive Strength	Mean $f_m$	$7.5\text{N/mm}^2$
	Direction of Load	Perpendicular to bed faces
	Unit Category	Category 1
Dimension Stability		$< 0.60\text{mm/m}$
Bond Strength (1) Shear Bond Strength		$0.15\text{ N/mm}^2$ (Fixed Value)
Flexural Bond Strength		NPD
Reaction to Fire (2)		A1 Commission Decision 200/605/EC
Water Absorption (3)		$5.5\text{g/m}^2\text{S}$
Water Vapour Permeability (4)		5/15 Tabulated Value
Direct Airborne Sound Insulation In end conditions [Density & Configuration]	Gross Dry Density	$1900\text{kg/mm}^2 - 2000\text{kg/mm}^2$
	Configuration Dimensions Tolerances	See configuration

Thermal Resistance [Density & Configuration] For units intended to be used in elements subject to Thermal Insulation Requirements		0.9 – 1.1
Durability against Freeze/Thaw		Not to be left exposed
Dangerous Substances		NPD

7. The performance of the product identified above is in conformity with the declared performance.  
8. This Declaration of Performance is issued in accordance with Regulation (EU) No 305/2011 under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Michael Keohane, CEO, Keohane Readymix Ltd.

Signature: 

Date: 17/10/2019.