



Declaration of Performance (DoP)
HPP12737-A3
Precast Concrete Slats



1. Unique identification code of product type:

Cattle Slats

2. Type, batch or series number or any other method of identification of product type:

180mm Multipurpose Slat, 180mm Cattle (Std & HD) Slat (Std & HD), 220mm Cattle Slat (Std & HD), 230mm Cattle Slat (Std & HD)

3. Intended use of the products are in accordance with its technical specification for use in area's specified by the manufacturer:

Floor Slats for Livestock Housing – Animals between 200kg & 825kg

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

Hughes Precast Products, 338 Monaghan Road, Middletown, Co. Armagh, BT60 4JQ.

5. The method of approving and verification of the performance of the product, mentioned in annex V:

System 2+

6. The performance statement as related to a product which has to meet our production standards:

The official agency CONSTRUCTION PRODUCTS CERTIFICATION, number 1333, has performed the initial inspection of the production facilities in accordance to system 2+. The agency oversees, inspects and evaluates constantly the production inspection in the factory. It has issued a certificate of conformity for the production inspection.

7. Indicated Performance

<i>Essential characteristic in table ZA.1</i>	<i>Performance</i>	<i>Standards</i>
Compressive Strength	C40/50	EN 12737:2004 inclusive of potential amendments and corrections
Ultimate tensile and tensile yield strength (of steel)	$f_{tk} = 540N/mm^2$ $f_{yk} = 500N/mm^2$	
Mechanical Resistance	Load Class A3	
Mechanical Strength (Method 1)	For geometric details & durability; see technical data sheets. To obtain contact info@hughesprecast.co.uk	
Fire Resistance (Method 1)		
Durability against Corrosion		
Detailing		

8. The performance of the products, described in points 1 and 2 are in accordance with the declared performance in point 7. This declaration of performance is issued under the exclusive responsibility of the manufacturer referred to In point 4.

Signed for and on behalf of the manufacturer by:

Stephen Wright (Design Engineer)
Middletown, Co. Armagh
(March 2015)