

**Declaration of Performance  
Precast Concrete Livestock  
Flooring (EN 12737)**

1. Unique identification code of the product type  
*Precast Livestock Flooring*
2. Type, batch or serial number or any other method of identification of the product type:  
*Pre-fix: SLAT*
3. Intended use of the product, in accordance with the applicable technical specification, as foreseen by the manufacturer:  
*Flooring in a livestock shed*
4. Name, registered trade name or registered trade mark and contact address of the manufacturer:  
*Croom Concrete Ltd., Off Church rd, Croom Co.Limerick.*
5. System or systems of assessment and verification of constancy of performance of the construction product:  
*System 2+, Method 1*
6. Declaration of performance concerning slabs and parapets covered by the harmonized standard:  
**IS EN 1991-1-1: 2013**  
**CE marked to EN 12737**  
*The notified body National Standards of Ireland (NASI) performed the initial inspection of the manufacturing plant and of factory production control. NSAI oversees and inspects regularly the production in the factory and it has issued a certificate of conformity for the factory production control. 0050-CPR-0221*
7. Declared performance:

Essential characteristic as in Table ZA.1	Performance	Harmonised technical specification
Compressive strength of concrete	Min C40/50	<b>EN 12737</b>
Ultimate tensile strength of steel Yield strength of steel	$f_{tk}=585 \text{ N/mm}^2$ $f_{yk}=500 \text{ N/mm}^2$	
Mechanical strength (Method 1)	For geometrical details, durability and detailing see fabrication drawings Technical Information: On request from Engineering Team depending on your specific requirements.	
Durability Detailing		

8. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed on behalf of the manufacturer by:



**Joe Costello**

(Sales Manager)

Croom Concrete Ltd, Off-Church Rd, Croom, Co.Limerick

**Accepted Slat List**

Name and Address	Suitable for Animal type	Load Class	No. of Ribs / manhole / Scraper / other	Length(s) / Width in metres	Depth (mm)	Slat type (Standard / Heavy Duty (HD))
Croom Concrete Ltd., Off Church Road, Croom, Co. Limerick.  (Continued on next page)	Cattle > 200kg	A3	7	3.8 / 1.25	180	Heavy Duty
	Cattle > 200kg	A3	6	5.0, 4.4, / 1.25	220	Heavy Duty
	Cattle > 200kg	A3	4	5.0, 4.42, 4.113, 4.0, 3.8, 3.5, 3.2, 2.9, 2.6, 2.44, 4.4, / 0.80	225	Standard
	Cattle > 200kg	A3	3	5.0, 4.42, 4.113, 4.0, 3.8, 3.5, 3.2, 2.9, 2.6, 2.44, 4.4, / 0.60	225	Standard
	Cattle > 200kg	A3	2	5.0, 4.42, 4.113, 4.0, 3.8, 3.5, 3.2, 2.9, 2.6, 2.44, 4.4, / 0.4	225	Standard
	Cattle > 200kg	A3	4	3.8, 3.7, 3.5, 3.2, 2.9, 2.6, 2.44, 2.4 / 0.80	200	Standard
	Cattle > 200kg	A3	3	3.8, 3.7, 3.5, 3.2, 2.9, 2.6, 2.44, 2.4 / 0.60	200	Standard
	Cattle > 200kg	A3	2	3.8, 3.7, 3.5, 3.2, 2.9, 2.6, 2.44, 2.4 / 0.4	200	Standard
	Cattle > 200kg	A3	Scrapper Slat	4.42, 4.113, 4.0, 3.8, 3.5, 3.2, 2.9, 2.6, 2.44, 2.4 / 1.2	220 / 200	Heavy Duty
	Slab	Slab	Manhole Slab	5.0, 4.42 / 1.2 (centre ope)	220 / 300	Heavy Duty
	Slab	Slab	Manhole Slab	3.8, 3.5, 3.2, 2.6, 2.4 / 1.2 (centre ope)	210	Heavy Duty
	Cattle > 200kg	A3	Manhole Slat	3.8, 3.5, 3.2, 2.8, 2.6, 2.4 / 1.5 (end ope)	225	Heavy Duty
	Cattle > 200kg	A3	Manhole Slat	5.0, 4.4 / 1.2 (centre ope)	220 / 300	Heavy Duty
	Cattle > 200kg	A3	Scrapper Slat	3.7, 3.6, 3.5, 3.2, 2.9, 2.6, 2.44, 2.4 / 1.25	200	Heavy Duty

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Croom Concrete Ltd., Off Church Road, Croom, Co. Limerick. (Continued)	Cattle > 200kg	A3	6	3.8, 3.5, 3.2, 2.8, 2.6, 2.4 / 1.25	195	Heavy Duty
	Cattle > 200kg	A3	6	4.4, / 1.25	175	Heavy Duty
	Cattle > 200kg	A3	6	4.0, 3.8, 3.7, 3.5, 3.2, 2.9, 2.6, 2.44, 2.4 / 1.25	200	Heavy Duty
	Cattle > 200kg	A3	6	5.0, 4.42, 4.4, 4.113, 4.0, 3.8, 3.5, 3.2, 2.9, 2.6, 2.44, 2.4 / 1.25	250	Heavy Duty Heavy Duty
	Slab	Slab	Hollowcore slab	Up to 5.0 / 1.2 with 75mm concrete screed	200	
	Slab	Slab	Hollowcore slab	Up to 4.63 / 1.2 with 150mm concrete screed	200	Heavy Duty
	Slab	Slab	Hollowcore slab	Up to 4.2 / 1.2 with 100mm concrete screed	200	Heavy Duty
	Slab	Slab	Hollowcore slab	Up to 3.6 / 1.2 with 100mm concrete screed	150	Heavy Duty
	Beam	Beam	Beam	Up to 5.18 / 0.3	250	Suitable for mass concrete walls only Suitable to support HD slats, slabs and mass concrete wal
	Beam	Beam	Beam	Up to 5.03 / 0.3	230	
	Beam	Beam	Beam	Up to 3.35 / 0.3	300	
	Beam	Beam	Beam	Up to 3.66 / 0.4	300	
	Beam	Beam	Beam	Up to 3.81 / 0.4	350	
	Beam	Beam	Beam	Up to 4.42 / 0.3	400	
	Beam	Beam	Beam	Up to 2.95 / 0.5	400	
	Beam	Beam	Beam	Up to 5.03 / 0.5	450	