



Declaration of Performance in respect of products as outlined hereunder

Name and address of manufacturer.	Killeshal Precast Concrete Limited Daingean Co Offaly Republic of Ireland.
Contact details.	Telephone: +353 5793 53018. Fax: +3535793 53272. E-mail: sales@killeshal.com . Web: www.killeshal.com .
Authorised representative.	None.
Harmonised standard.	IS EN 12839: 2012
Attestation of conformity system as per Table ZA.2. IS EN 845-2: 2003.	4.
Product description.	Reinforced elements for fencing manufactured from dry cast concrete as per accompanying schedule.
Concrete class.	C40/45 as per EN: 206-1: 2013
Notified body.	None.

Declared performance.

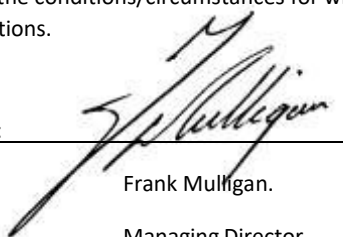
General.

Provisions to which product conforms.	Annex ZA of IS EN 12839: 2012
Particular conditions of IS EN 12839: 2012 applicable to use of product.	Load bearing capacity calculated as per method 1. Table ZA.1 and ZA. 3.2 Annex ZA.1 IS EN 12839: 2012
Essential Characteristics.	
Compressive strength of concrete.	Not less than 45Kn.
Ultimate tensile strength of reinforcing steel.	As set out in attached schedule entitled: Schedule Re: CE Marking. Declaration of Performance. IS EN 12839. Elements for Fencing- Manufactured from Dry Cast Concrete.
Tensile yield strength of reinforcing steel.	As set out in attached schedule entitled: Schedule Re: CE Marking. Declaration of Performance. IS EN 12839. Elements for Fencing- Manufactured from Dry Cast Concrete.
Geometrical data (critical dimensions)	As per dimensions and concrete cover data set out in attached schedule: Schedule Re: CE Marking. Declaration of Performance. IS EN 12839. Elements for Fencing- Manufactured from Dry Cast Concrete.
Durability against corrosion.	As per dimensions and concrete cover data set out in attached schedule: Schedule Re: CE Marking. Declaration of Performance. IS EN 12839. Elements for Fencing- Manufactured from Dry Cast Concrete.
Durability against freeze/thaw conditions.	As per dimensions and concrete cover data set out in attached schedule: Schedule Re: CE Marking. Declaration of Performance. IS EN 12839. Elements for Fencing- Manufactured from Dry Cast Concrete.

Declaration.

The performance of the product identified above is in conformance with the declared values when used for the purposes and in the conditions/circumstances for which it is intended, subject to installation in accordance with manufacturer's instructions.

Signed: _____


Frank Mulligan.

Managing Director.

Dated: 1st April 2021.

Killeshal Precast Concrete Limited Quality Management System

Schedule Re: CE Marking. Declaration of
Performance. IS EN 12839. Elements for Fencing-
Manufactured from Dry Cast Concrete.

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Approved by :

WATER
ABSORPTION

DIMENSIONS MM CONCRETE COVER

Strainers	Steel	UTS (Mpa)*	TYS (Mpa)**	DIMENSIONS MM				CONCRETE COVER			%	
				LENGTH	WIDTH 1	WIDTH 2	DEPTH (mm)	LENGTH	TOP	BOTTOM		
10'-0" Straight	4x8mm	650	500		3000	160	150	150	21	25	25	4.8
9'-0" Strainers.	4x8mm	650	500	TOP	2700	110	100	100	21	25	25	4.8
9'-0" Strainers.	4x8mm	650	500	BOTTOM	2700	145	130	135	21	25	25	4.8
7'-6" Strainers.	4x8mm	650	500	TOP	2250	110	100	100	21	25	25	4.8
7'-6" Strainers.	4x8mm	650	500	BOTTOM	2250	135	125	125	21	25	25	4.8
6'-6" NI Spec Strainers	4x8mm	650	500	TOP	1970	110	100	100	21	25	25	4.8
6'-6" NI Spec Strainers	4x8mm	650	500	BOTTOM	1970	112	0	102	21	25	25	4.8
6'-6" Strainers.	4x8mm	650	500	TOP	1970	110	100	100	21	25	25	4.8
6'-6" Strainers.	4x8mm	650	500	BOTTOM	1970	112	100	102	21	25	25	4.8
5'-6" Strainers.	4x8mm	650	500		1676	150	170	155	40	51	51	4.8
Struts												
9'-10" Struts.	2x8mm	650	500		2987	100	100	100	21	25	25	4.8
8'-6" Struts	2x8mm	650	500		2590	100	100	100	21	25	25	4.8
7'-0" Struts	2x8mm	650	500		1990	100	100	100	21	25	25	4.8
6'-6" NI Spec Strut.	2x6mm	350	250		1990	175	100	75	21	25	25	4.8
4'-6" Struts.	2x8mm	650	500		1371	175	100	75	21	25	25	4.8
Intermediates Posts												
12'-0" B/ Arm Inters.	4x8mm	650	500	TOP	3600	90	100	90	21	25	25	4.8
12'-0" B/ Arm Inters.	4x8mm	650	500	BOTTOM	3600	135	145	135	21	25	25	4.8
10'-0" B/ Arm Inters.	4x8mm	650	500	TOP	3000	90	100	90	21	25	25	4.8
10'-0" B/ Arm Inters.	4x8mm	650	500	BOTTOM	3000	130	140	130	21	25	25	4.8
10'-0" Straight Inters.	4x8mm	650	500	TOP	3000	100	110	100	21	25	25	4.8
10'-0" Straight Inters.	4x8mm	650	500	BOTTOM	3000	130	140	130	21	25	25	4.8
8'-0" inters.	4x8mm	650	500	TOP	2400	75	85	70	21	25	25	4.8
8'-0" inters.	4x8mm	650	500	BOTTOM	2400	135	145	135	21	25	25	4.8
6'-6" NI Spec inters.	4x6mm	350	250	TOP	1950	95	105	70	21	25	25	4.8
6'-6" inters.	4x6mm	350	250	BOTTOM	1950	115	125	115	21	25	25	4.8

5'-3" inters.	4x6mm	350	250		1725	115	100	75	21	25	25	4.8
2 & 3 Hole Posts												
6'-6" 2 & 3 Hole Posts.	4x6mm	350	250		1970	175	200	100	18	25	50	4.8
4'-6" 2 Hole Posts.	4x6mm	350	250		1380	175	200	100	18	25	50	4.8
3'-7" 2 & 3 Hole Posts.	4x6mm	350	250		1130	175	200	100	18	25	50	4.8
Rails												
8'-4" Rails.	4x6mm	350	250		2540	0	75	100	21	25	20	4.8
Gate Posts												
7'-6" Gate Post	4x10mm	650	500	TOP AND BOTTOM	2280	150	170	155	40	51	51	4.8
5'-0" Barrier Post.	4x10mm	650	500		1650	150	170	155	40	51	51	4.8

* = Ultimate Tensile Strength

** = Tensile Yield Strength