





## Kitemark<sup>™</sup> Certificate

This is to certify that:

**Electrosteel Castings Limited** Srikalahasthi Tirupati District Andhra Pradesh 517641 India

Holds Certificate Number:

KM 766609

In respect of:

**BS EN 598** Ductile iron pipes, fittings, accessories and their joints for sewerage applications.

This issues the right and licence to use the Kitemark in accordance with the Kitemark Terms and Conditions governing the use of the Kitemark, as may be updated from time to time by BSI Assurance UK Ltd (the "Conditions"). All defined terms in this Certificate shall have the same meaning as in the Conditions.

The use of the Kitemark is authorized in respect of the Product(s) detailed on this Certificate provided at or from the above address.

For and on behalf of BSI:

First Issued: 2022-05-23

Latest Issue: 2023-10-30

Shahm Barhom, Group Product Certification Director

Effective Date: 2023-10-30 Expiry Date: 2025-02-15

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This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request. To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated <u>online</u>.

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK. A member of BSI Group of Companies.

### Kitemark<sup>™</sup> Certificate

No. KM 766609

#### BS EN 598:2007 + A1:2009 - Ductile iron pipes, fittings, accessories and their joints for sewerage applications

Product:	Pipes (non-flange type)				
	Material:	Ductile iron			
	Installation/use:Above or below applications		and for pressure and non-pressure		
	External coating:	Zinc layer followed by: *1 Red Bitumen *1 Red Epoxy	Internal lining: *2 Cement		
	Branded:	(water based) ELECTROSTEEL			
Description	Nominal Size, DN/OD (mm)		Length (m)		
Pipes with push-in flexible joints $*1, 2^*$	DN 100 – DN 150		5.5		
Pipes with push-in flexible joints	DN 200 – DN 300		5.5, 6.0		
Pipes with push-in flexible joints <sup>*1, 2*</sup>	DN 350 – DN 600		5.5, 6.0		
Pipes with push-in flexible joints $*1, 2*$	DN 700 – DN 1000		5.5, 6.0		
Pipes with push-in flexible joints <sup>*1, 2*</sup>	DN 1100 – DN 1200		5.5		
Notes:	*1 External coatings in accordance with BS EN 598 (clause 4.4.2)				
	* <sup>2</sup> Internal cement linings in accordance with BS EN 598 (clause 4.4.3)				
	The iron thickness of fittings used for pressure sewers is in accordance with BS EN 545:2010.				
General note:	PN rating for flanged pipes are in accordance with BS EN 545:2010 for pressure sewers				

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### Kitemark<sup>™</sup> Certificate

No. KM 766609

# BS EN 598:2007 + A1:2009 - Ductile iron pipes, fittings, accessories and their joints for sewerage applications

Product:	Pipes (flange type)			
	Material:	rial: Ductile iron		
	Installation/use:Above or below and applications		and for pressure and non-pressure	
	External coating:	Zinc layer followed by: *1 Red Bitumen *1 Red Epoxy (water based)	<b>Internal lining:</b> * <sup>2</sup> Cement	
	Branded:	ELECTROSTEEL		
Description	Nominal Size, DN/OD (mm)		Length (m)	
Pipes with welded-on flanges <sup>*1,</sup> <sup>2*</sup> (PN10 & PN16)	DN 100 – DN 400		≤5.0	
Pipes with welded-on flanges <sup>*1,</sup> <sup>2*</sup> (PN10 & PN16)	DN 450 – DN 1000		≤5.5	
Notes:	* <sup>1</sup> External coatings in accordance with BS EN 598 (clause 4.4.2) * <sup>2</sup> Internal cement linings in accordance with BS EN 598 (clause 4.4.3)			
General note:	The iron thickness of fittings used for pressure sewers is in accordance with BS EN 545:2010.			
	PN rating for flanged pipes are in accordance with BS EN 545:2010 for pressure sewers			

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