

Kitemark™ Certificate

This is to certify that:

Electrosteel Castings Limited
Srikalahasthi
Chittoor District
Andhra Pradesh
517641
India

Holds Certificate Number:

KM 766608

In respect of:

BS EN 545

Ductile iron pipes, fittings, accessories and their joints for water pipelines

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:

Frank Lee, Product Certification Technical and Compliance Director

First Issued: 2022-05-24

Latest Issue: 2022-05-24

Effective Date: 2022-05-24

Expiry Date: 2025-05-23

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Kitemark™ Certificate

No. KM 766608

BS EN 545: 2010 - Ductile iron pipes, fittings, accessories and their joints for water pipelines

Product:	Pipes											
	Material:		Ductile iron									
	Installation/use:		Above or below									
	External coating:		Zinc layer followed by: *1 Black Bitumen						Internal lining: *2 Cement			
	Branded:		ELECTROSTEEL									
Description	Nominal Size, DN/OD (mm)	Length (m)	Pressure rating									
			PN10	PN16	K9*3	C20	C25	C30	C40	C50	C64	C100
Pipes with push-in flexible joints	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	DN 350 – DN 600	5.5, 6.0	–	–	✓	–	–	✓	–	–	–	–
Pipes with push-in flexible joints	DN 700 – DN 1000	5.5, 6.0	–	–	✓	–	✓	–	–	–	–	–
Pipes with welded-on flanges	DN 100 – DN 400	≤5.0	✓	✓	–	–	–	–	–	–	–	–
Pipes with welded-on flanges	DN 450 – DN 1000	≤5.5	✓	✓	–	–	–	–	–	–	–	–
Notes:	<p>*1 External coatings in accordance with BS EN 545:2010 (clause 4.5.2) and holding WRAS material approval.</p> <p>*2 Internal cement linings in accordance with BS EN 545:2010 (clause 4.5.3 and BS EN 197-1) and holding WRAS material approval.</p> <p>*3 Denotes class K9 as per BS EN 545:2006.</p>											
General note:	<p>Only products denoted by a '✓' are covered for the specific pressure rating stated. It should also be noted that the relevant C class (as per BS EN 545:2010) has been achieved on the wall thicknesses (including permitted deviations) as specified for K9 pipe within BS EN 545:2006.</p>											

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To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

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™ Certificate

This is to certify that:

Electrosteel Castings Limited
Srikalahasthi
Chittoor 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.

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Kitemark™ Certificate

No. KM 766609

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

Product:	Pipes	
	Material:	Ductile iron
	Installation/use:	Above or below and for pressure and non-pressure applications
	External coating:	Zinc layer followed by: *1 Red Bitumen *1 Red Epoxy (water based)
	Internal lining:	*2 Cement
	Branded:	ELECTROSTEEL
Description	Nominal Size, DN/OD (mm)	Length (m)
Pipes with push-in flexible joints	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	DN 350 – DN 600	5.5, 6.0
Pipes with push-in flexible joints	DN 700 – DN 1000	5.5, 6.0
Pipes with welded-on flanges (PN10 & PN16)	DN 100 – DN 400	≤5.0
Pipes with welded-on flanges (PN10 & PN16)	DN 450 – DN 1000	≤5.5
Notes:	*1 External coatings in accordance with BS EN 598 (clause 4.4.2) *2 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™ Certificate

This is to certify that:

Electrosteel Castings Limited
Srikalahasthi
Chittoor District
Andhra Pradesh
517641
India

Holds Certificate Number:

KM 766610

In respect of:

BS ISO 2531

Ductile iron pipes, fittings, accessories and their joints for water applications

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Kitemark™ Certificate

No. KM 766610

BS ISO 2531: 2009 - Ductile iron pipes, fittings, accessories and their joints for water applications

Product:	Pipes Material: Ductile iron Installation/use: Above or below External coating: Zinc layer followed by: *1 Black Bitumen Internal lining: *2 Cement Branded: ELECTROSTEEL											
Description	Nominal Size, DN/OD (mm)	Length (m)	Pressure rating									
			PN10	PN16	K9*3	C20	C25	C30	C40	C50	C64	C100
Pipes with push-in flexible joints	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	DN 350 – DN 600	5.5, 6.0	–	–	✓	–	–	✓	–	–	–	–
Pipes with push-in flexible joints	DN 700 – DN 1000	5.5, 6.0	–	–	✓	–	✓	–	–	–	–	–
Pipes with welded-on flanges	DN 100 – DN 400	≤5.0	✓	✓	–	–	–	–	–	–	–	–
Pipes with welded-on flanges	DN 450 – DN 1000	≤5.5	✓	✓	–	–	–	–	–	–	–	–
Notes: General note:			*1 External coatings in accordance with BS ISO 2531:2009 (clause 4.5.1) and holding WRAS material approval. *2 Internal cement linings in accordance with BS ISO 2531:2009 (clause 4.5.2) and holding WRAS material approval. *3 Denotes class K9 as per BS ISO 2531:1998. Only products denoted by a '✓' are covered for the specific pressure rating stated. It should also be noted that the relevant C class (as per BS ISO 2531:2009) has been achieved on the wall thicknesses (including permitted deviations) as specified for K9 pipe within BS ISO 2531:1998.									

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