

DIN EN 15542:2026-05 (E)

Ductile iron pipes, fittings and accessories - External cement mortar coating for pipes - Requirements and test methods

Contents		Page
European foreword		4
Introduction		5
1	Scope	6
2	Normative references	6
3	Terms and definitions	7
4	Ordering information	8
5	Technical requirements	9
5.1	Zinc or zinc alloy coating	9
5.2	Fresh cement mortar layer thickness	9
5.3	Pipe ends	9
5.4	Appearance of cured cement mortar coating	9
5.5	Thickness of cured cement mortar coating	9
5.6	Repairs	9
5.7	Marking	9
6	Performance requirements	10
6.1	Cement mortar constituents	10
6.1.1	General	10
6.1.2	Cement	10
6.1.3	Aggregates	10
6.1.4	Fibres	10
6.1.5	Surface tissue	10
6.1.6	Saponification resistance of organic additives	10
6.2	Adhesion	10
6.3	Impact resistance	10
6.4	Specific pore transition resistance of the intermediate layer	11
7	Test methods	11
7.1	Routine tests	11
7.1.1	General	11
7.1.2	Zinc or zinc alloy coating	11
7.1.3	Thickness of the cement mortar layer	11
7.1.4	Pipe ends	11
7.1.5	Appearance and continuity of cured cement mortar coating	11
7.1.6	Thickness of the cured cement mortar coating	11
7.1.7	Repairs	11
7.1.8	Marking	11
7.2	Performance tests	11
7.2.1	General	11
7.2.2	Constituents	12
7.2.3	Adhesion	12
7.2.4	Impact strength	12
7.2.5	Specific pore transition resistance of the intermediate layer	13
Annex A (informative)	Quality assurance	16
Annex B (informative)	Application process	18
Annex C (informative)	Experiences from field and investigation	19
Bibliography		20