

# Ductile iron pipes and fittings — Seal coats for cement mortar linings

ICS 23.040.10; 77.140.75

# National foreword

This British Standard reproduces verbatim ISO 16132:2004 and implements it as the UK national standard. This standard supersedes BS 7892:2000, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee PSE/10, Iron pipes and fittings, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this committee can be obtained on request to its secretary.

## Cross-references

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## Summary of pages

This document comprises a front cover, an inside front cover, the ISO title page, pages ii to v, a blank page, pages 1 to 12, an inside back cover and a back cover.

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## Ductile iron pipes and fittings — Seal coats for cement mortar linings

*Tuyaux et raccords en fonte ductile — Seal coats pour les revêtements  
de mortier de ciment*



Reference number  
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## **Foreword**

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The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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ISO 16132 was prepared by Technical Committee ISO/TC 5, *Ferrous metal pipes and metallic fittings*, Subcommittee SC 2, *Cast iron pipes, fittings and their joints*.

## Introduction

The intended purpose of a seal coat is to reduce the contact between a cement mortar lining and the contents of a water main, thereby restricting the leaching of inorganic materials into the water supply.

Seal coats are usually specified where the pipeline is to convey soft waters and/or where residence times are very long. Supply water quality data for such pipelines should be discussed between the prospective client and the seal coated pipe supplier to ensure the suitability of the product for use.

Attention is drawn to the fact that seal coated cement mortar lined surfaces in contact with, or likely to come into contact with, potable water need to conform to the requirements of national or international water supply or water quality regulations. Approval may be required for the individual components of the system — or for the combined system — depending upon the requirements of those national or international water supply or water quality regulations when used

- in accordance with the product manufacturer's instructions for use; and
- under any other appropriate conditions defined for that product within any published list of substances, products and processes approved to those Water Supply or Water Quality Regulations.