

CONFIRMED
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Specification of

Purchasing requirements for flux-cored and solid soft-solder wire

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The Non-ferrous Metals Standards Committee, under whose direction this British Standard was prepared, consists of representatives from the following Government department and scientific and industrial organizations:

- Aluminium Federation

Association of Bronze and Brass Founders

British Electrical and Allied

Manufacturers' Association (BEAMA)

British Lead Manufacturers' Association

British Non-ferrous Metals Federation

Copper Development Association

Electric Cable Makers' Confederation*

Institute of British Foundrymen

Institution of Mechanical Engineers

Institution of Mining and Metallurgy

Institution of Production Engineers
- Institution of Structural Engineers

International Tin Research Institute*

Lead Development Association

Light Metal Founders' Association

London Metal Exchange*

Magnesium Industry Council

Ministry of Defence

Non-ferrous Metal Stockists

Royal Institute of British Architects

Society of Motor Manufacturers and

Traders Limited

Zinc Development Association

The organizations marked with an asterisk in the above list, together with the following, were directly represented on the committee entrusted with the preparation of this British Standard:

- Bnf Metals Technology Centre

British Association for Brazing and Soldering

British Railways Board

British Steel Industry

Electronic Engineering Association

Lighting Industry Federation Ltd.

London Transport Executive

Metal Packaging Manufacturers' Association
- Post Office

Society of British Aerospace

Companies Limited

Solder Makers' Association

Telecommunication Engineering and

Manufacturing Association (TEMA)

Individual expert

This British Standard, having been prepared under the direction of the Non-ferrous Metals Standards Committee, was published under the authority of the Executive Board and comes into effect on 30 May 1980

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Foreword

This British Standard was originally issued in 1932, under the title “*British Standard Specification for cored solder, rosin-filled*”, and covered only grade F cored solder filled with pure rosin flux. In 1954, a revision prepared under the direction of the Non-Ferrous Metals Standards Committee was issued covering both activated and non-activated rosin cores in solder wire containing 65 %, 60 %, 40 % or 20 % of tin. The solder compositions given did not correspond exactly with those specified in BS 219.

In preparing the present revision it was decided to exclude details of flux and solder compositions, and instead to refer the user to BS 5625 and BS 219, the new standard for fluxes and the recently revised standard for solders respectively. Because the variety, both of flux-cored solders and of their uses, has extended considerably since 1954, the scope of this standard has been widened and it now covers cored solders made with any of the fluxes and solders listed in the above mentioned standards. It was also considered appropriate to include solder wire without flux (“solid wire”) as this is usually supplied in a form and packing similar to flux-cored solder wire.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 6, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.