

Specification for

Strontium chromate pigments for paints

[ISO title: Strontium chromate pigments for paints]

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Pigments, Paints and Varnishes Standards Committee (PVC/-) to Technical Committee PVC/1 upon which the following bodies were represented:

- Aluminium Powder and Paste Association
- British Colour Makers' Association
- British Precast Concrete Federation Ltd.
- Cement Makers' Federation
- Chemical Industries Association
- Oil and Colour Chemists' Association
- Paintmakers' Association of Great Britain Ltd.
- Red Lead and Litharge Manufacturers' Association
- Titanium Pigment Manufacturers' Technical Committee

This British Standard, having been prepared under the direction of the Pigments, Paints and Varnishes Standards Committee, was published under the authority of the Board of BSI and comes into effect on 30 November 1988

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The following BSI references relate to the work on this standard:
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National foreword

This British Standard has been prepared under the direction of the Pigments, Paints and Varnishes Standards Committee. It is identical with ISO 2040:1972 “*Strontium chromate pigments for paints*” published by the International Organization for Standardization (ISO) and confirmed in 1985. This revision supersedes BS 4313:1968 which is withdrawn.

BS 4313 was first published in 1968 and this first revision brings the standard in line with international agreements by implementing the International Standard as an identical British Standard.

The main differences from the 1968 edition of this British Standard are as follows:

- a) the requirement for total chromate content has been reduced;
- b) the requirement for soluble chromate content has been reduced;
- c) the sieve residue is carried out only by the water method.

Terminology and conventions. The text of the International Standard has been approved as suitable for publication as a British Standard without deviation. Some terminology and certain conventions are not identical with those used in British Standards; attention is drawn especially to the following.

The comma has been used as a decimal marker. In British Standards it is current practice to use a full point on the baseline as the decimal marker.

The symbol “l” has been used to denote litre (and in its submultiples). In British Standards it is current practice to use the symbol “L”.

Wherever the words “International Standard” appear, referring to this standard, they should be read as “British Standard”.

Cross-references

International Standard	Corresponding British Standard
	BS 3483 <i>Methods for testing pigments for paints</i>
ISO 787-2:1981 ^a	Part B6:1982 <i>Determination of matter volatile at 105 °C</i> (Identical)
ISO 787-5:1980 ^b	Part B7:1982 <i>Determination of oil absorption value</i> (Identical)
ISO 787-7:1981 ^c	Part B3:1982 <i>Determination of residue on sieve (water method, using a manual procedure)</i> (Identical)
ISO 842:1984 ^d	BS 4726:1986 <i>Methods for sampling raw materials for paints and varnishes</i> (Identical)

^a Referred to in the text as ISO/R 787-II.

^b Referred to in the text as ISO/R 787-V.

^c Referred to in the text as ISO/R 787-VII.

^d Referred to in the text as ISO/R 842.

The Technical Committee has reviewed the provisions of ISO/R 787-X¹⁾, to which reference is made in the text, and has decided that they are acceptable for use in conjunction with this standard. A related British Standard to ISO 787-10 is BS 3483 “*Methods for testing pigments for paints*” Part B8:1982 “*Determination of density (pycnometer method)*”.

Since the publication of ISO 2040, ISO 787-VI has been withdrawn and the Technical Committee has reviewed the position and decided that for the purposes of this standard it is acceptable that only the sieve analysis by the water method given in ISO/R 787-VII²⁾ should apply.

¹⁾ Now published as ISO 787-10:1981.

²⁾ Now published as ISO 787-7:1981