

INTERNATIONAL STANDARD

ISO
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Coating powders —

Part 9: Sampling

Poudres pour revêtement —

Partie 9: Échantillonnage



Reference number
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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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.

International Standard ISO 8130-9 was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Sub-Committee SC 9, *General test methods for paints and varnishes*.

ISO 8130 consists of the following parts, under the general title *Coating powders*:

- *Part 1: Determination of particle size distribution by sieving*
- *Part 2: Determination of density by gas comparison pyknometer (referee method)*
- *Part 3: Determination of density by liquid displacement pyknometer*
- *Part 4: Calculation of lower explosion limit*
- *Part 5: Determination of flow properties of a powder/air mixture*
- *Part 6: Determination of gel time of thermosetting coating powders at a given temperature*
- *Part 7: Determination of loss of mass on stoving*
- *Part 8: Assessment of the storage stability of thermosetting powders*

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— Part 9: Sampling

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Coating powders —

Part 9: Sampling

1 Scope

This part of ISO 8130 describes methods for the sampling of coating powders from consignments and for the subdivision of the sample into quantities suitable for undertaking appropriate test methods specified in the other parts of ISO 8130.

It is assumed that this part of ISO 8130 will be used and applied by those who are appropriately qualified and experienced. The procedures are intended to be carried out by suitably trained and/or supervised personnel.

2 Definitions

For the purposes of this part of ISO 8130, the following definitions apply.

2.1 lot (batch): A definite quantity of coating powder manufactured or produced under conditions presumed to be uniform.

2.2 consignment: A definite quantity of coating powder issued and received as one delivery and covered by one set of documents. The consignment may consist of one or more lots or parts of lots.

3 Apparatus

3.1 Sampling scoop, of non-sparking metal and of semicircular or C-shaped cross-section (see figure 1), capable of boring out a core of material from the full depth of the container.

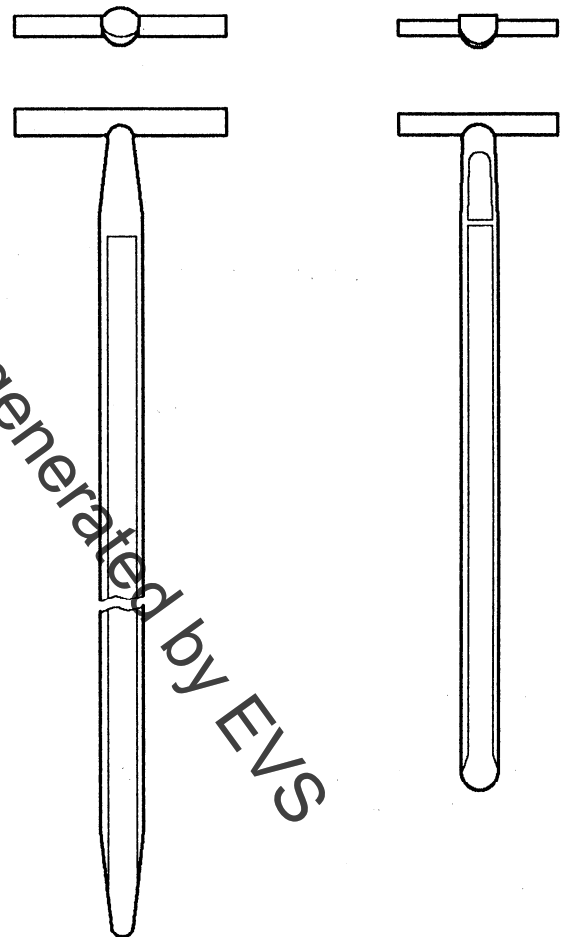


Figure 1 — Typical sampling scoops