

SS EN 840-5:2024
EN 840-5:2020, IDT
(ICS 13.030.40)

SINGAPORE STANDARD

Mobile waste and recycling containers

– Part 5 : Performance requirements and test methods

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Published by Enterprise Singapore

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ISBN 978-981-5163-91-9

National Foreword

This Singapore Standard was prepared by the Working Group on Waste Collection and Transportation Management set up by the Technical Committee on Circularity of Materials under the purview of the Environment and Resources Standards Committee.

This standard is a revision of SS EN 840-5:2014. It is an identical adoption of EN 840-5:2020, “Mobile waste and recycling containers – Part 5: Performance requirements and test methods”, and is adopted with permission of CEN, Rue de la Science 23 B - 1040 Brussels.

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- 3. Compliance with a SS or TR does not exempt users from any legal obligations.*

English Version

Mobile waste and recycling containers - Part 5: Performance requirements and test methods

Conteneurs roulants à déchets et de recyclage - Partie 5
: Exigences de performance et méthodes d'essais

Fahrbare Abfall- und Wertstoffbehälter - Teil 5:
Anforderungen an die Ausführung und Prüfverfahren

This European Standard was approved by CEN on 7 October 2019.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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European foreword

This document (EN 840-5:2020) has been prepared by Technical Committee CEN/TC 183 "Waste management", the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2020, and conflicting national standards shall be withdrawn at the latest by October 2020.

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This document supersedes EN 840-5:2012.

The main changes compared to the previous edition are listed below:

- a) 4.11.2 "Handle test" has been updated;
- b) Table 4 "Sequence of tests" has been corrected;
- c) the document has been editorially revised and adapted to the new design rules.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

1 Scope

This document gives the test methods for mobile waste and recycling containers according to EN 840-1 to EN 840-4. It also gives the levels to be reached during the tests or after they have been done.

This document is applicable to mobile waste and recycling containers with capacities up to 1 700 l.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 840-1, *Mobile waste and recycling containers — Part 1: Containers with 2 wheels with a capacity up to 400 l for comb lifting devices — Dimensions and design*

EN 840-2, *Mobile waste and recycling containers — Part 2: Containers with 4 wheels with a capacity up to 1 300 l with flat lid(s), for trunnion and/or comb lifting devices — Dimensions and design*

EN 840-3, *Mobile waste and recycling containers — Part 3: Containers with 4 wheels with a capacity up to 1 300 l with dome lid(s), for trunnion and/or comb lifting devices — Dimensions and design*

EN 840-4, *Mobile waste and recycling containers — Part 4: Containers with 4 wheels with a capacity up to 1 700 l with flat lid(s), for wide trunnion or BG- and/or wide comb lifting device — Dimensions and design*

EN 10142, *Continuously hot-dip zinc coated low carbon steels strip and sheet for cold forming — Technical delivery conditions*

EN ISO 1461, *Hot dip galvanized coatings on fabricated iron and steel articles - Specifications and test methods (ISO 1461)*

EN ISO 2081, *Metallic and other inorganic coatings - Electroplated coatings of zinc with supplementary treatments on iron or steel (ISO 2081)*

3 Terms and definitions

For the purposes of this document, the terms and definitions according to EN 840-1, EN 840-2, EN 840-3 and EN 840-4 apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <https://www.iso.org/obp>

NOTE Terms for components of mobile waste and recycling containers and lifting devices in three languages are given in Annex A of EN 840-1:2020.