

INTERNATIONAL STANDARD

NORME INTERNATIONALE



**Surface cleaning appliances –
Part 6: Wet hard floor cleaning appliances for household or similar use –
Methods for measuring the performance**

**Appareils de nettoyage des sols –
Partie 6: Appareils de nettoyage des sols durs et mouillés à usage domestique
ou analogue – Méthodes de mesure de l'aptitude à la fonction**



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INTERNATIONAL ELECTROTECHNICAL COMMISSION

SURFACE CLEANING APPLIANCES –

**Part 6: Wet hard floor cleaning appliances for household
or similar use – Methods for measuring the performance**

FOREWORD

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IEC/ASTM 62885-6 has been prepared by a Joint Working Group of subcommittee 59F: Surface cleaning appliances, of IEC technical committee 59: Performance of household and similar electrical appliances and ASTM Committee F11: Vacuum cleaners. It is an International Standard.

It is published as a dual logo standard.

This second edition cancels and replaces the first edition published in 2018. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) Expanded the Scope to include cordless cleaners.
- b) Changed definition for "cleaning width" to "track cleaning width" in 3.7 and provided instructions for determining "track cleaning width" in 4.7.4.
- c) Changed "runtime" definition to "battery runtime" in 3.22.
- d) Added IKW soil instructions, and also a penalty factor calculation with correction examples for products designed with cleaning gaps to section 5.1 "Stain cleaning efficiency of hard flat floors".
- e) Retitled 5.2 "Dirt pickup test" to "Soil cleaning efficacy of hard flat floors" and added comprehensive instructions for executing the method.
- f) Added section 5.3 "Battery runtime" procedure patterned after IEC 62885-4 cordless standard.
- g) Modified Test soils in 7.2.2. to add IKW and Akzo-Nobel soils.

The text of this International Standard is based on the following documents.

Draft	Report on voting
59F/480/FDIS	59F/482/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

A list of all the parts in the IEC 62885 series, under the general title *Surface cleaning appliances*, can be found on the IEC website.

In this standard, the following print types are used:

Terms defined in Clause 3 **bold type**.

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- revised.

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SURFACE CLEANING APPLIANCES –

Part 6: Wet hard floor cleaning appliances for household or similar use – Methods for measuring the performance

1 Scope

This part of IEC 62885 is applicable for measurements of the performance of mains-operated and cordless wet hard floor cleaning appliances for household or similar use. In the case of appliances with combined functionality, this document only addresses the wet cleaning functionality.

The purpose of this document is to specify essential performance characteristics of wet hard floor cleaning appliances that are of interest to users and to describe methods for measuring these characteristics.

NOTE 1 Owing to the influence of environmental conditions, variations in test materials and proficiency of the operator, most of the described test methods give more reliable results when applied to comparative testing of a number of appliances at the same time, in the same laboratory and by the same operator.

NOTE 2 This document is not intended for cleaning appliances according to IEC 60335-2-79 and robotic wet hard floor cleaning appliances.

For safety requirements, reference is made to IEC 60335-1, IEC 60335-2-2, IEC 60335-2-10, and IEC 60335-2-54.

A recommendation on information for the consumer at the point of sale is given in Annex B.

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.

IEC 60335-1, *Household and similar electrical appliances – Safety – Part 1: General requirements*

IEC 60335-2-59, *Household and similar electrical appliances – Safety – Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances*

IEC 60335-2-10, *Household and similar electrical appliances – Safety – Part 2-10: Particular requirements for floor treatment machines and wet scrubbing machines*

IEC 60335-2-54, *Household and similar electrical appliances – Safety – Part 2-54: Particular requirements for surface-cleaning appliances for household use employing liquids or steam*

IEC 60688, *Electrical measuring transducers for converting A.C. and D.C. electrical quantities to analogue or digital signals*

IEC 60734:2012, *Household electrical appliances – Performance – Water for testing*