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BSI Standards Publication

Domestic swimming pools — Water systems

Part 1: Filtration systems — Requirements and test methods

National foreword

This British Standard is the UK implementation of EN 16713-1:2016.

The UK participation in its preparation was entrusted to Technical Committee SW/136/8, Swimming pools and aquatic equipment.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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English Version

Domestic swimming pools - Water systems - Part 1: Filtration systems - Requirements and test methods

Piscines privées à usage familial - Systèmes de distribution d'eau - Partie 1: Systèmes de filtration - Exigences et méthodes d'essai

Schwimmbäder für private Nutzung - Wassersysteme - Teil 1: Filtrationssysteme - Anforderungen und Prüfverfahren

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European foreword

This document (EN 16713-1:2016) has been prepared by Technical Committee CEN/TC 402 “Domestic Pools and Spas”, the secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by August 2016, and conflicting national standards shall be withdrawn at the latest by August 2016.

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EN 16713, *Domestic swimming pools — Water systems*, currently comprises:

— *Part 1: Filtration systems— Requirements and test methods*;

— *Part 2: Circulation systems— Requirements and test methods*;

— *Part 3: Water treatment— Requirements*.

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Introduction

The filtration system in any swimming pool is there to remove the suspended matter from the pool water. Filtration is achieved by passing the water through a suitable medium contained in a filter body.

It is generally accepted that there are four types of filters associated with swimming pools:

a) pre-coat filtration/diatomaceous earth (DE);

b) disposable cartridge or filter bag;

c) graded aggregate (single/multi-layer-filter);

d) other filters (e.g. membrane systems).