

Surfaces for sports areas — Determination of joint strength of synthetic surfaces

The European Standard EN 12228:2002 has the status of a
British Standard

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National foreword

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Sols sportifs - Détermination de la résistance des joints

Sportböden - Bestimmung der Nahtfestigkeit von Kunststoffbelägen

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Contents

	page
Foreword.....	3
1 Scope.....	3
2 Normative reference	3
3 Method 1 — Direct tension method	3
3.1 General.....	3
3.2 Principle	4
3.3 Apparatus	5
3.4 Test piece.....	5
3.5 Conditioning and test temperature	7
3.6 Procedure	7
3.7 Calculation and expression of results	8
4 Method 2 - Peel method.....	8
4.1 General.....	8
4.2 Principle	8
4.3 Apparatus	9
4.4 Test piece.....	9
4.5 Conditioning and test temperature	10
4.6 Procedure	10
4.7 Calculation and expression of results	11
5 Test report	11

Foreword

This document EN 12228:2002 has been prepared by Technical Committee CEN/TC 217 "Surfaces for sports areas", the secretariat of which is held by BSI.

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of an identical text or by endorsement, at the latest by March 2003, and conflicting national standards shall be withdrawn at the latest by March 2003.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This European Standard specifies two test methods for determination of joint strength of synthetic sports surfaces including synthetic turf. Method 1 describes a procedure for butt joints and overlapped adhesive joints in which a direct force is applied. Method 2 describes a procedure for reinforced butt joints in which a peel force is applied.

2 Normative reference

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text, and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN ISO 7500-1, *Metallic materials - Verification of static uniaxial testing machines - Part 1: Tension/compression testing machines (ISO 7500-1:1999)*.

3 Method 1 — Direct tension method

3.1 General

This method is suitable for testing all types of synthetic sports surfaces that incorporate chemically or mechanically bonded butt joints including sewn and welded joints as the manner of joining adjacent lengths of synthetic sports surfacing (see Figure 1).