

DIN EN 1342



ICS 93.080.20

Supersedes
DIN EN 1342:2002-04
See start of application

**Setts of natural stone for external paving –
Requirements and test methods;
English version EN 1342:2012,
English translation of DIN EN 1342:2013-03**

Pflastersteine aus Naturstein für Außenbereiche –
Anforderungen und Prüfverfahren;
Englische Fassung EN 1342:2012,
Englische Übersetzung von DIN EN 1342:2013-03

Pavés de pierre naturelle pour le pavage extérieur –
Exigences et méthodes d'essai;
Version anglaise EN 1342:2012,
Traduction anglaise de DIN EN 1342:2013-03

Document comprises 34 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.



A comma is used as the decimal marker.

Start of application

It should be noted that, in Germany, CE conformity marking of construction products will be permitted once this standard has been listed in the *Bundesanzeiger* (German Federal Gazette) and from the date given therein.

For further information, users of this standard should refer to the websites of the European Commission or of the relevant building authority.

The standard which this document replaces, DIN EN 1342:2002-04, may be used in parallel with this standard during a specified transition period where such has been laid down in the Official Journal of the European Union and/or the *Bundesanzeiger* (German Federal Gazette).

National foreword

This document (EN 1342:2012) has been prepared by Technical Committee CEN/TC 178 “Paving units and kerbs”, Working Committee WG 2 “Natural stone products” (Secretariat: BSI, United Kingdom).

The responsible German body involved in its preparation was the *Normenausschuss Bauwesen* (Building and Civil Engineering Standards Committee), Working Committee NA 005-10-01 AA *Pflastersteine, Platten und Bordsteine*.

Amendments

This standard differs from DIN EN 1342:2002-04 as follows:

- a) where appropriate, the requirements refer to individual test methods prepared by CEN/TC 246, “Natural stones”; the changes have been made to allow those placing the products on the market to use the same test results for a number of products;
- b) the values to be declared have been clarified and where applicable the declared values are now “lower expected values”;

Previous editions

DIN 481: 1920-10, 1934-04
DIN 4300: 1938-03, 1941-09
DIN 18502: 1965-12
DIN EN 1342: 2000-03, 2002-04

National Annex NA (informative)

Overview of material properties

This standard does not specify any minimum values for the material properties to be declared. This informative National Annex contains a table giving values which have been proven to be practical in Germany.

Construction class as in RStO ^b	Frost resistance as in EN 12371	Compressive strength ^a as in DIN EN 1926 MPa	Flexural strength as in DIN EN 12372 MPa
RStO 5 and RStO 6	required	60	5
RStO 4	required	80	8
RStO 3	required	100	10
^a After testing frost resistance. ^b Guidelines for the Standardization of Surfaces of Road Traffic Areas (<i>Richtlinien für die Standardisierung des Oberbaus von Verkehrsflächen</i>).			

For projects covering more than 3 000 m², the client should have the right to request check tests of delivered materials.

This standard differentiates the size of the setts only according to their nominal dimensions. Thus, the setts are no longer classified into size classes as in DIN 18502.

In German, the different sized setts are referred to as listed below for the relevant nominal dimensions:

“*Mosaikpflaster*” (mosaic pavement) (50 mm and 60 mm setts);

“*Kleinpflaster*” (small setts) (70 mm, 80 mm, 90 mm and 100 mm sized setts);

“*Großpflaster*” (large setts) (larger sized setts up to 300 mm).

The size classes specified in DIN 18502 were tolerated, although these only applied to split stone. The tolerances specified in DIN EN 1342 are less strict. These wider tolerances for riven setts (classes 1 and 2) makes laying in accordance with DIN 18318 more difficult, and makes laying in regular rows impossible. Therefore, class 2 setts as in DIN EN 1342 which have been dressed or partially dressed for this purpose shall be used.

Example of the designation of cubic setts having an edge length of 9 cm (nominal dimensions 90/90/90 mm):

Previous designation (German) in accordance with DIN 18502: *Kleinpflasterstein 2-I nach DIN 18502 nur gespalten, Handelsbezeichnung: 8/10 cm (Güteklasse II: 8/11 cm)*

Current designation (for Germany) in accordance with DIN EN 1342: *Pflastersteine nach DIN EN 1342 80/90/90 mm, gespalten, FT1, T2*

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