

EUROPEAN STANDARD

EN 17152-1:2019/AC

NORME EUROPÉENNE

June 2020

EUROPÄISCHE NORM

ICS 23.040.01

English version

Plastics piping systems for non-pressure underground conveyance and storage of non-potable water - Boxes used for infiltration, attenuation and storage systems - Part 1: Specifications for storm water boxes made of PP and PVC-U

Systèmes de canalisations en plastique pour le transport et le stockage souterrains sans pression de l'eau non potable - Structures alvéolaires ultra-légères pour les systèmes d'infiltration, de rétention et de stockage -  
Partie 1 : Spécifications relatives aux structures alvéolaires ultra-légères pour eaux pluviales fabriquées à partir de PP et de PVC-U

Kunststoff-Rohrleitungssysteme für die drucklose unterirdische Entwässerung für Nicht-Trinkwasser - Versickerungsblöcke zur Verwendung in Infiltrations-, Zwischenspeicher- und Speichersystemen -  
Teil 1: Festlegungen für Regenwasserabfluss-Versickerungsblöcke aus PP und PVC-U

This corrigendum becomes effective on 10 June 2020 for incorporation in the official English version of the EN.



EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

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Ref. No.: EN 17152-1:2019/AC:2020 E

<b>Contents</b>		<b>Page</b>
<b>1</b>	<b>Modification to Clause 4, Symbols and abbreviations.....</b>	<b>3</b>
<b>2</b>	<b>Modification to 7.3, Void Ratio.....</b>	<b>3</b>

## 1 Modification to Clause 4, Symbols and abbreviations

Replace

“VR Void Ratio”

with

“P Porosity”

and update throughout the text.

## 2 Modification to 7.3, Void Ratio

Replace

### "7.3 Void Ratio

The void ratio ( $VR$ ) is the ratio of the total available volume for water storage and the total envelope cuboids volume for a box and is calculated by:

$$VR = \frac{V_{\text{total}} - V_{\text{material}} - V_{\text{closed}}}{V_{\text{total}}} \quad (1)$$

where

$V_{\text{total}}$  is the total volume of the unit measured according to 7.1;

$V_{\text{material}}$  is the volume taken by the material (calculated by the density specified by the material supplier in Table A.2 and weight measured in 7.2);

$V_{\text{closed}}$  is the volumes not accessible to water or from which water cannot be retrieved.

The void ratio shall be declared to the nearest 1 %."

with

### "7.3 Porosity

The porosity ( $P$ ) is the ratio of the total available volume for water storage and the total envelope cuboids volume for a box and is calculated by:

$$P = \frac{V_{\text{total}} - V_{\text{material}} - V_{\text{closed}}}{V_{\text{total}}} \quad (1)$$

where

$V_{\text{total}}$  is the total volume of the unit measured according to 7.1;

$V_{\text{material}}$  is the volume taken by the material (calculated by the density specified by the material supplier in Table A.2 and weight measured in 7.2);

$V_{\text{closed}}$  is the volumes not accessible to water or from which water cannot be retrieved.

The porosity shall be declared to the nearest 1 %."