



## DECLARATION OF PERFORMANCE

No. 044 : DUROSTICK DS-52 FLEX

1. Unique identification code of the product:  
**044**
2. Intended uses:  
**EN 1504-3: Concrete repair product for non structural repair PCC mortar (based on hydraulic cement, polymer modified).**  
**EN 13813: Cementitious screed material for use internally in buildings**
3. Manufacturer:  
**DUROSTICK S.A., PAINT, MORTAR & ADHESIVE INDUSTRY, PATIMA KOROREMI ASPROPYRGOS, ATTICA, PC.: 19300 GREECE, [www.durostick.gr](http://www.durostick.gr)**
4. Authorized representative:-
5. System of AVCP (assessment and verification of constancy of performance):  
**System 4**
- 6a. Harmonized standard:  
**EN 1504-3:2005**  
**EN 13183:2002**  
Notified body: -
- 6b. European Assessment Document **not applicable** European Technical Assessment **not applicable**  
Technical Assessment Body **not applicable** Notified Body **not applicable**

### 7. Declared performance

Essential characteristics	Declared performance	Harmonised standard Appropriate /Technical Documentation	
Compressive strength	Class R3	EN 12190	EN 1504-3:2005
Chloride ion content	≤ 0.05 %	EN 1015-17	
Adhesive bond	≥ 1.5MPa	EN 1542	
Carbonation resistance	Passes	EN 13295	
Elastic modulus	≥ 15GPa	EN 13687-1	
Thermal compatibility part 1	≥ 1.5MPa	EN 13687-1	
Capillary absorption	≤ 0.5 kg. m <sup>-2</sup> h <sup>-0.5</sup>	EN 13057	
Dangerous substances	Comply with 5.4	EN 13057	
Reaction to fire:	Euroclass F	EN 13501-1	

Essential characteristics	Declared performance	Harmonised standard Appropriate /Technical Documentation	
Reaction to fire	Euroclass F	EN 13501-1	EN13813:2002
Release of corrosive substances	CT		
Water permeability	NPD	EN 1062-3	
Water vapour permeability	NPD	EN 12086	
Compressive strength	C30	EN 13892-2	

Flexural strength	F7	EN 13892-2	
Wear resistance	BCA: AR2	EN 13892-4	
Sound insulation/ Sound absorption	NPD	EN ISO 140-6/ N ISO 354	
Thermal resistance/ chemical resistance	NPD	EN 12664/ EN 13529	

8. Appropriate Technical Documentation and/or Specific Technical Documentation: **Not applicable**

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Name: Evdoxia Kafritsa  
Function: Head of R&D, QC Mortars Dept.  
Place/Date: Aspropyrgos/ 12<sup>th</sup> of F 2021 V:2



**DUROSTICK S.A**  
**ASPROPYRGOS ATHENS PC: 19300**  
**GREECE 12**


**DoP No. : 044**  
**EN 1504-3**

**DUROSTICK DS-252 FLEX**

**Concrete repair product for non structural repair PCC mortar (based on hydraulic cement, polymer modified)**

<b>Compressive strength:</b>	<b>class R3</b>
<b>Chloride ion content:</b>	<b>≤ 0,05%</b>
<b>Adhesive Bond:</b>	<b>≥ 1.5 MPa</b>
<b>Carbonation resistance:</b>	<b>Passes</b>
<b>Elastic Modulus:</b>	<b>≥ 15 GPa</b>
<b>Thermal compatibility part 1:</b>	<b>≥ 1.5 MPa</b>
<b>Capillary absorption:</b>	<b>≤ 0.5 kg·m<sup>-2</sup>·h<sup>-0,5</sup></b>
<b>Dangerous substances:</b>	<b>comply with 5.4</b>
<b>Reaction to fire:</b>	<b>Euroclass F</b>

**CE MARKING ACCORDING TO CPR 305/2011 AND EN 13813:2002**

	
<b>DUROSTICK S.A</b> <b>ASPROPYRGOS ATHENS PC: 19300</b> <b>GREECE</b> <b>12</b>	
<b>DoP No. : 044</b> <b>EN 13813 :2002</b>	
<b>DUROSTICK D-252 FLEX</b> <b>Cementitious screed material for use internally in buildings</b>	
<b>Reaction to fire:</b>	<b>Euroclass F</b>
<b>Release of corrosive substances:</b>	<b>CT</b>
<b>Water permeability:</b>	<b>NPD</b>
<b>Water vapour permeability:</b>	<b>NPD</b>
<b>Compressive strength:</b>	<b>C30</b>
<b>Flexural strength:</b>	<b>F7</b>
<b>Wear resistance, BCA:</b>	<b>AR2</b>
<b>Sound insulation/ Sound absorption:</b>	<b>NPD</b>
<b>Thermal resistance/chemical resistance:</b>	<b>NPD</b>

*The CE marking shown in this Declaration of Performance is the most recent, in accordance with the current regulation.*

*Possible variations of the present marking with the corresponding one appearing on the packaging or the Technical Data Sheet may be due to the following reasons:*

- The packaging was already printed before the latest CE revision.*
- Printing errors.*
- Differences due to packaging sizes and printing method.*