

FASADEX EPS



Povezani sustav za vanjsku toplinsku izolaciju

IZJAVA O SVOJSTVIMA

Br.: I- 1- 1454 - 14

1. Unique identification code of the product-type:

FASADEX EPS – fasadni sustav

2. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

External Thermal Insulation Composite Systems with rendering (ETICS) for the use as external insulation to the walls of buildings.

3. Name, registered trade name or registered trade mark and contact address of the manufacturer as required Under Article 1 1 (5):

Chromos boje i lakovi
Radnička cesta 173 D
10000 Zagreb, Hrvatska
Tel.: +385 1 2410 666

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 2+

5. European Assessment Document: **ETAG 004**

European Technical Assessment: **ETA-08/0122**

Notified body: **Zavod za Gradbeništvo Slovenije, Indentifikacijski broj 1404**

Certificate of Factory Production Control: **1404 – CPR – 3021**

This version updates and replaces all previous versions



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6. Declared performance:

ESSENTIAL CHARACTERISTICS	PERFORMANCE	HARMONIZED TECHNICAL SPECIFICATION
Reaction to fire	B-s1, d0 (thickness ≤80 mm)	ETAG 004
Water absorption, after 24 hours	< 0,5 kg/m ²	ETAG 004
Hygrothermal behaviour	Resistant	ETAG 004
Freeze / thaw behaviour	Resistant	ETAG 004
Impact resistance (EPS-EN 13163-T2-L2-W2-S2-P4-DS(N)2-DS(70,-)1-TR150-BS100)	Category II	ETAG 004
Impact resistance (EPS-EN 13163-T2-L2-W2-S2-P4-DS(70,-)1-DS(N)2-BS100-TR100)	Category III	ETAG 004
Water vapour permeability — equivalent air thickness, s _d	≤ 2,0 m	ETAG 004
Dangerous substances	NPA	ETAG 004
Bond strength of adhesive onto concrete substrate	Initial state ≥ 0,25 MPa; 48 h immersion in water + 2 h 23°C / 50% RH: ≥0,08 MPa; 48 h immersion in water + 7 days 23°C 50% RH: ≥0,25 MPa	ETAG 004
Bond strength of adhesive onto expanded polystyrene	Initial state ≥ 0,08 MPa; 48 h immersion in water + 2 h 23°C / 50% RH: ≥0,03 MPa; 48 h immersion in water + 7 days 23°C / 50% RH: ≥0,08 MPa	ETAG 004

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Bond strength of base coat after hygrothermal ageing	≥ 0,08 MPa	ETAG 004
Bond strength of finishing coat onto expanded polystyrene	Initial state ≥ 0,08 MPa; Samples taken from the rig after the hygrothermal cycles: ≥ 0,08 MPa. »Small specimen ageing« 7 days immersion in water + 7 days at 23°C / 50 % RH: ≥ 0,08 MPa.	ETAG 004
Fixing strength	NPA	ETAG 004
Wind load resistance	The values that match the different combinations of anchors / EPS boards were given in European Technical Assessment (ETA-08/0122).	ETAG 004
Airborne sound insulation	NPA	ETAG 004
Thermal resistance (R)	Calculation in accordance with SIST EN ISO 6946.	ETAG 004
Sustainable use of natural resources	NPA	ETAG 004

The performance of the product identified before is in conformity with the declared performance. This declaration of performance is issued, in accordance with Regulation (EU) br. 305 / 2011, under the sole responsibility of the manufacturer identified in point 3.

Signed for and on behalf of the manufacturer:

Tatjana Galić, mag.chem.

CHROMOS BOJE I LAKOVI,
dioničko društvo za proizvodnju boja i lakova
Radnička cesta 173 d, Zagreb

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Product manager

Zagreb, 08.01.2019.

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