

# FASADEX MW



**External Thermal Insulation Composite System**

## DECLARATION OF PERFORMANCE

**Nr.: I-2- 1453- 14**

1. Unique identification code of the product-type:

**FASADEX MW– 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 11(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+**  
**System 1 for reaction to fire**

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

European Technical Assessment: **ETA-08/0078**

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

Certificate of Factory Production Control: **1404 – CPD – 1453.**

*This version updates and replaces all previous versions.*



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### 6. Declared performance:

ESSENTIAL CHARACTERISTI	PERFORMANCE	HARMONIZED TECHNICAL SPECIFICATION
Reaction to fire	A2-s1, d0 (thickness $\leq$ 300 mm)	ETAG 004
Water absorption, after 24 hours/ Fasadex Silikonska žbuka	$< 0,5 \text{ kg/m}^2$	ETAG 004
Water absorption, after 24 hours/ Fasadex Silikatna žbuka	$\geq 0,5 \text{ kg/m}^2$	ETAG 004
Water absorption, after 24 hours/ Fasadex Si-Si žbuka	$< 0,5 \text{ kg/m}^2$	ETAG 004
Hygrothermal behaviour	Resistant	ETAG 004
Freeze / thaw behaviour / Fasadex Silikonska / Si-Si žbuka	Resistant	ETAG 004
Freeze / thaw behaviour / Fasadex Silikatna žbuka	NPA	ETAG 004
Impact resistance / Fasadex Silikonska / Silikatna žbuka	Category II	ETAG 004
Impact resistance / Fasadex Si-Si žbuka	Category I	ETAG 004
Water vapour permeability – equivalent air thickness $s_d$	$\leq 2,0 \text{ m}$	ETAG 004
Dangerous substances	NPA	ETAG 004
Bond strength of base coat onto mineral wool lamellas / slabs	Initial state $< 0,08 \text{ MPa}$ (failure in the isolation product);  Samples taken from the rig after the hygrothermal cycles: $< 0,08 \text{ MPa}$ ((failure in the isolation product);  Samples after the freeze/thaw test: $< 0,08 \text{ MPa}$ ((failure in the isolation product).	ETAG 004

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Bond strength of adhesive onto concrete substrate	Initial state $\geq 0,25$ MPa; (failure in the isolation product); 48 h immersion in water + 2 h 23°C/50% RH: $\geq 0,08$ MPa; (failure in the isolation product); 48 h immersion in water + 7 days 23°C/50% RH: $\geq 0,25$ MPa; (failure in the isolation product).	ETAG 004
Bond strength of adhesive onto mineral wool lamellas	Initial state $\leq 0,08$ MPa (failure in the isolation product); 48 h immersion in water + 2 h 23°C/50% RH: $\geq 0,03$ MPa; (failure in the isolation product); 48 h immersion in water + 7 days 23°C/50% RH: $\leq 0,08$ MPa (failure in the isolation product).	ETAG 004
Bond strength of adhesive onto mineral wool slabs	Initial state $\leq 0,03$ MPa (failure in the isolation product); 48 h immersion in water + 2 h 23°C/50% RH: $\leq 0,03$ MPa; (failure in the isolation product); 48 h immersion in water + 7 days 23°C/50% RH: $\leq 0,03$ MPa (failure in the isolation product).	ETAG 004
Bond strength of finishing coat onto mineral wool lamellas/slabs	$< 0,08$ MPa; (failure in the isolation product).	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 Approval (ETA-08/0078).	ETAG 004
Thermal resistance (R)	Calculation in accordance with SIST EN ISO 6946.	ETAG 004
Airborne sound insulation	NPA	ETAG 004

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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.

Product manager

Zagreb, 19.09.2017.

Dr. Aleš Ekar

**Chromos**

CHROMOS BOJE I LAKOVI,  
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Radnička cesta 173 d, Zagreb

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President of the Management board

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