



DECLARATION OF PERFORMANCE

SPEKTRA toplotno izolativni sistem MW I-7-SPTISMW-18

1. Unique identification code of the product-type:

I-7-SPTISMW

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):

**Helios Tovarna barv, lakov in umetnih smol Količevo d.o.o.; Količevo 65; 1230 Domžale, Slovenija
Za Helios proizvaja: Chromos boje i lakovi d.d.; Radnička cesta 173d; 10000 Zagreb**

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

Sistem 2+

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 – CPR – 2940.**

6. Declared performance:

ESSENTIAL CHARACTERISTICS	PERFORMANCE	HARMONIZED TECHNICAL SPECIFICATION
Reaction to fire	A2-s1, d0 (thickness ≤ 300 mm)	ETAG 004
Water absorption, after 24 hours/ Spektra Silikonski omet	< 0,5 kg/m ²	ETAG 004
Water absorption, after 24 hours/ Spektra Silikatni omet	≥ 0,5 kg/m ²	ETAG 004



Water absorption, after 24 hours/ Spektra Silicone&Silicate plaster	< 0,5 kg/m ²	ETAG 004
Hygrothermal behaviour	Resistant	ETAG 004
Freeze / thaw behaviour/ Spektra Silikonski/ Silicone&Silicate omet	Resistant	ETAG 004
Freeze / thaw behaviour/ Spektra Silikatni omet	NPA	ETAG 004
Impact resistance/ Spektra Silikonski/Silikatni omet	Category II	ETAG 004
Impact resistance/ Spektra Silicone&Silicate omet	Category I	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; (failure in the isolation product) 48 h immersion in water + 2 h 23°C / 50% RH: ≥0,08 MPa; (failure in the isolation product) 48 h immersion in water + 7 days 23°C 50% RH: ≥0,25 MPa; (failure in the isolation product)	ETAG 004
Bond strength of adhesive onto mineral wool lamellas	Initial state ≥ 0,08 MPa; (failure in the isolation product) 48 h immersion in water + 2 h 23°C / 50% RH: ≥0,03 MPa; (failure in the isolation product) 48 h immersion in water + 7 days 23°C 50% RH: ≥0,08 MPa; (failure in the isolation product)	ETAG 004
Bond strength of adhesive onto mineral wool slabs	Initial state ≥ 0,03 MPa; (failure in the isolation product) 48 h immersion in water + 2 h 23°C / 50% RH: ≥0,03 MPa; (failure in the isolation product) 48 h immersion in water + 7 days 23°C 50% RH: ≥0,03 MPa; (failure in the isolation product)	ETAG 004



Bond strength of base coat onto mineral wool lamellas /slabs	Initial state < 0,08 MPa (failure in the isolation product); Samples taken from the rig after the hygrothermal cycles: < 0,08 MPa ((failure in the isolation product); Samples after the freeze/thaw test: < 0,08 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 Assessment (ETA-08/0078).	ETAG 004
Thermal resistance (R)	Calculation in accordance with SIST EN ISO 6946.	ETAG 004
Airborne sound insulation	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.

Product manager



CHROMOS BOJE I LAKOVI,
dioničko društvo za proizvodnju boja i lakova
Radnička cesta 173 d, Zagreb 2

Zagreb, 31.05.2019.