

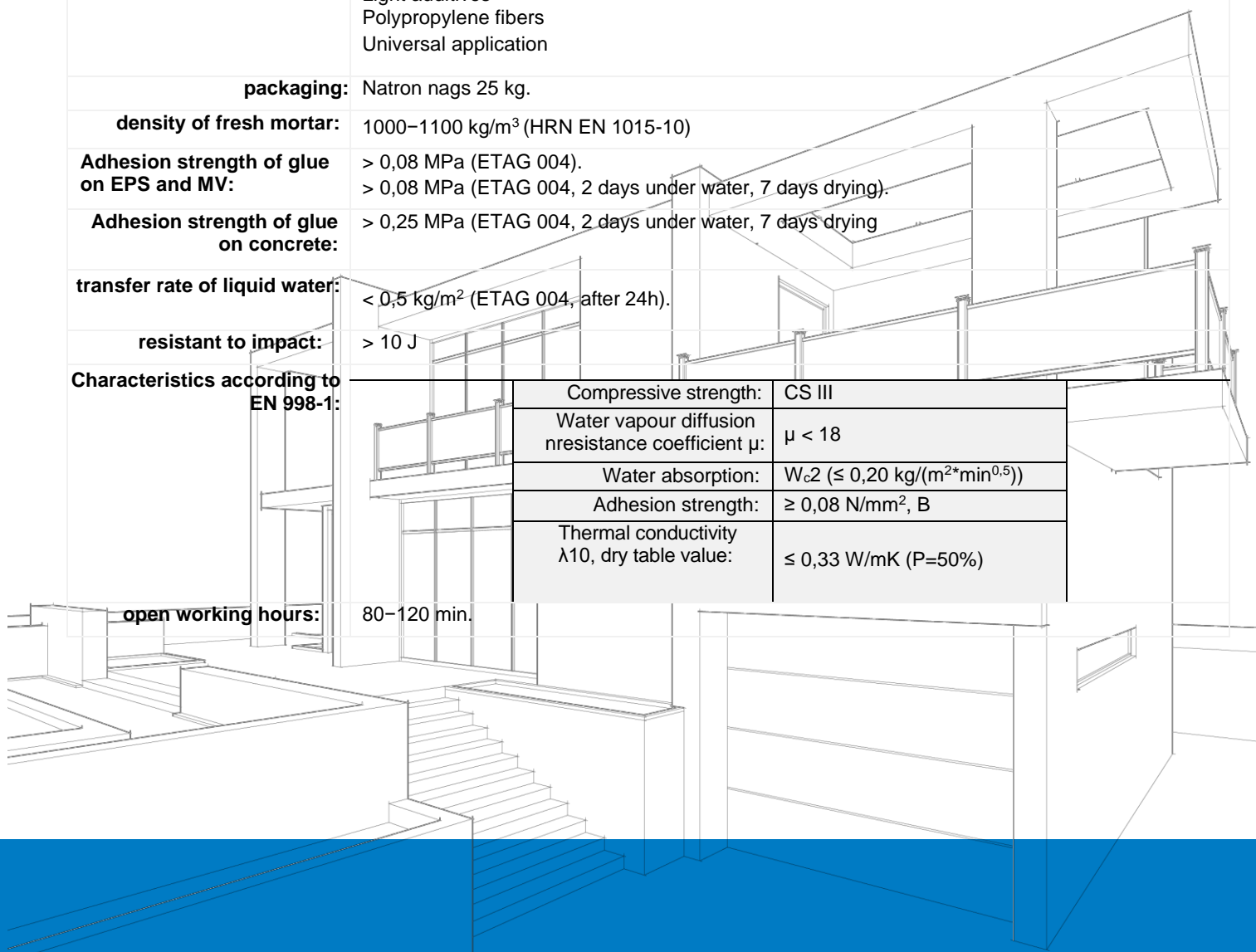
Technical data sheet

FINALTERM LW

Polycement glue for gluing, spackling and reinforcing panels



product description:	White adhesive for gluing, spackling and reinforcing thermal-insulation panels of expanded and extruded polystyrene. Made based on natural mineral bindings, fillers 1.2mm granulation, adequate additives, polypropylene fibers and light additives.	
area of application:	It is intended for decorative protection of façades and interior wall surfaces. Intended for gluing of thermos-insulation panels on concrete substrates, brick and extension plaster, and for placing reinforcing glass mesh on thermal insulation panels before applying the final decorative plaster in ETICS systems. Part of the FINALIT S and FINALIT MV thermos-insulation systems. It can be used as a levelling layer on concrete surfaces, smoothing compounds, old and new mineral plasters, plywood panels, fibercement and gyps-cardboard and other.	
product characteristics:	Easily applied Great coverage Light additives Polypropylene fibers Universal application	
packaging:	Natron nags 25 kg.	
density of fresh mortar:	1000–1100 kg/m ³ (HRN EN 1015-10)	
Adhesion strength of glue on EPS and MV:	> 0,08 MPa (ETAG 004). > 0,08 MPa (ETAG 004, 2 days under water, 7 days drying).	
Adhesion strength of glue on concrete:	> 0,25 MPa (ETAG 004, 2 days under water, 7 days drying)	
transfer rate of liquid water:	< 0,5 kg/m ² (ETAG 004, after 24h).	
resistant to impact:	> 10 J	
Characteristics according to EN 998-1:	Compressive strength:	CS III
	Water vapour diffusion resistance coefficient μ:	$\mu < 18$
	Water absorption:	W _{c2} ($\leq 0,20 \text{ kg}/(\text{m}^2 \cdot \text{min}^{0,5})$)
	Adhesion strength:	$\geq 0,08 \text{ N}/\text{mm}^2$, B
	Thermal conductivity λ_{10}, dry table value:	$\leq 0,33 \text{ W}/\text{mK}$ (P=50%)
open working hours:	80–120 min.	

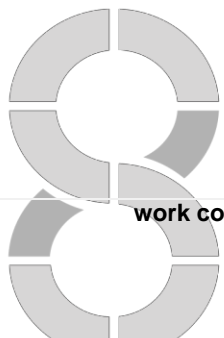


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	<p>consumption: (gluing, reinforcing, and spackling) depending on the type of substrate and type of isolation material.</p> <p>Levelling layer: 1–2 kg/m² Gluing: 5–7 kg/m² Reinforcing: 3–5 kg/m² Double reinforcing: 4–6 kg/m² Spackling: 1–2 kg/m²</p>
	<p>work conditions: Air, material and substrate temperature must be higher than +5 °C and lower than +30 °C, while the relative air humidity must be lower than 80 %. The material may not be applied to sunlit surfaces (the scaffolding must be fitted with a screen to protect against the sun or rain) and during windy weather. Low temperatures as well as high humidity prolong the binding time. High temperatures in summer shorten the working time of the material.</p>
<p>preparation of the substrate:</p>	<p>The substrate must be completely dry and clean, smooth, without weakly bonded parts and free of dust, greasy stains, algae, fungi and other foreign bodies. Before every painting, the substrate must be inspected and its condition established. All weakly bonded parts of the substrate and old coatings must be removed from the healthy part. New substrates should be coated with the Simpra universal primer, while old, highly porous substrates should be coated with Simpra nano primer or Simpra multicontact. Substrates contaminated by algae and fungi should be cleaned using a cloth or brush and a universal cleaning solution or by using a pressure washer (adjust the water pressure and angle of the water spray so as not to damage the façade). After drying, treat the substrate with biocidal solution Algenon or Algenon Plus. Greasy and heavily soiled areas should be cleaned with a Kalijev sapun solution.</p>
<p>preparation of the material:</p>	<p>It is prepared by adding 20-25% of water by weight to the dry mixture (5-6.25 l of water per one bag) and mixing it well with a hand-held electric mixer until complete homogenisation. The mixed mass should be left to sit for 5-10 minutes, then mixed again before application.</p>
<p>material application:</p>	<p>The glue is applied using a notched steel trowel or spatula along the edge of a thermal insulation panel in a 5 wide layer, with three drops of the glue, of 10–15 cm in diameter, applied in the middle of the panel 10–15 cm. The contact area between the panel and the base should be around 40-50% of the panel's surface area. For panels made of mineral rock wool, a thin contact layer must be applied beforehand in order to reduce the dustiness of the panel and facilitate the application of thicker glue. When installing the mineral wool lamella, the glue is applied over the entire surface with a non-toothed steel trowel.</p> <p>The reinforcing is done so that a 2-3 mm layer of glue is applied onto thermal isolation panels with a notched steel trowel. Final armaturna staklena mrežica is pressed into the fresh compound with 10 cm overlaps and left to sit for 24 hours, after which another layer of glue is applied in order to achieve a finely coarse surface without grooves and other irregularities. A glass mash with 10 cm overlaps is pressed into the glue and it is levelled to a fine roughness without ridges. The glue must dry completely. Finalgrund Uni primer is applied and after 24 hours, a pasty, façade plaster of dispersive paint.</p> <p>Immediately after finishing the work, wash the tool with water.</p> <p>When carrying out the work, comply with construction regulations.</p> <p>When making the ETICS system, follow the guidelines of the Croatian Association of Thermal Facade Systems Manufacturers (HUPFAS).</p> <p>In case of any questions, contact the sales and technical advisor of Chromos-Svjetlost</p>

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 <p>Drying time of the applied material:</p>	<p>The drying time of the glue under normal conditions (air and wall temperature from +5 °C to +35 °C, relative humidity up to 80%) is at least 2-3 days, after which anchoring is allowed. The drying time of the reinforcement or levelling layer before the application of pasty plasters or paints is 5-7 days at 20 °C and rel. air humidity 65 %.</p>
<p>safety measures:</p>	<p>General rules for construction work must be complied with. Carefully cover the surrounding area of the surface that is not being treated. Keep out of reach of children. The content of soluble Cr (VI) in cement is maintained by reducing agents below 2 mg/kg (0.0002 %) in relation to the total dry mass of cement. A condition for the effectiveness of the reducing agent is proper storage and compliance with the storage period. See Technical and Safety Sheet.</p>
<p>transport and storage:</p>	<p>Store in dry and aired areas on wooden pallets away from direct sunlight at temperatures ranging from +5 °C +25 °C. Do not expose the product to direct sunlight, in winter protect from freezing.</p>
<p>shelf life:</p>	<p>1 year in unopened packaging.</p>
<p>disposal of leftover product and packaging:</p>	<p>Empty the packaging of its contents completely. Dispose of it at a recycling yard. Legal persons must deliver the packaging as packaging waste to a licensed waste collector.</p>
<p>quality control:</p>	<p>The adhesive has been tested in ZAG Ljubljana as a component of ETICS thermal system of the manufacturer Chromos-Svjetlost: FINALIT S i FINALIT MV. Certificate numbers on testing of thermal systems in ZAG Ljubljana: 1404-CPR-2572, 1404-CPR-2573, 1404-CPR-2574. The glue was also tested according to the EN 998-1 norm (Statement of properties no. 30) and may be applied independently. Product quality characteristics are determined by internal production specifications as well as European and Croatian standards.</p>
<p>general remarks:</p>	<p>Before using the product, the customer must check the product, and upon noticing any incompatibility, the customer must stop the application of the product and contact the manufacturer, otherwise a complaint will not be accepted. The technical data are the result of our technical knowledge and experience, and are provided with the intention of achieving optimal results when working with Chromos-Svjetlost products. The data do not contain any legal or secondary obligation on the part of the manufacturer nor do they release the customer from the obligation to verify the suitability of the product for a specific purpose. Due to the use of natural raw materials in our products, minor deviations from certain values are possible during individual deliveries. When applying the product on substrates that are not specified in corresponding documentation, consult the manufacturer. The manufacturer reserves the right to make further changes to the technical data sheet. Only the latest version is valid. Updated technical data sheets are available at www.chromos-svjetlost.hr or can be requested from the manufacturer via the contact e-mail listed below. For more detailed information, please contact our technical service. Before use, read the safety labels on the product packaging, while the Technical and Safety Sheets are available on request.</p>



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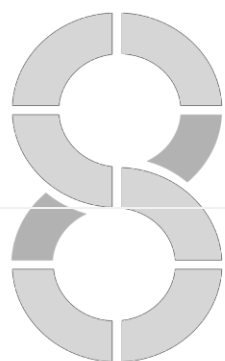
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March, 2022.

Quality and environmental protection management system certified by TUV Croatia;
Certificate numbers: 44 100 134668 / 44 104 134668



CHROMOS

SVJETLOST



Chromos – Svjetlost d.o.o.

Mijata Stojanovića 13

35257 Lužani

Hrvatska

EN 998-1:2016

Statement of properties no. 39

Compressive strength	CSIII
Water absorption	W _c 2
Adhesion strength	≥0,08 N/mm ²

ETAG 004:2013

ETA 15/0306

ETA 15/0307

