

Technical Data Sheet

TERMOSTAL 400



product description:	<p>TERMOSTAL 400 is a one-component coating based on special binders, resistant to high temperatures up to 400 °C.</p> <p>The coating contains an aluminium paste that gives it a silver look.</p>
intended use:	<p>TERMOSTAL 400 is used for decorative protection of metal objects such as flue pipes, fireplaces, stoves and similar objects exposed to temperatures up to 400 °C.</p> <p>In the phase of the first ignition, the room needs to be well ventilated, because during ignition smoke and unpleasant odours are created.</p>
assortment:	TERMOSTAL 400 silver
product characteristics:	<p>Excellent coverage</p> <p>Outstanding mechanical properties</p> <p>Temperature stability up to 400 °C</p>
thinner:	Thinner for fast-drying paints - max. up to 5 %
coverage:	11-13 m ² /l in one layer on a smooth surface, with a dry film thickness of 20 µm
density:	0.93 – 0.98 kg/l (EN ISO 2811-1)
non-volatile-matter content	
by weight:	30±2 % (EN ISO 3251)
by volume:	25±2 %
volatile organic compounds content (VOC):	B(e), 840 g/l; max. 700 g/l (EN ISO 11890-1)
working conditions:	The temperature of the air, material and surface during processing must be higher than +10 °C, less than +25 °C, and relative humidity 75 %.
surface preparation:	The surface of iron or cast iron on which the coating is applied must be dry, degreased, and free of rust and dirt.
material preparation and application:	<p>Stir the material in the original packaging before use.</p> <p>Conventional compressed air spraying, for smaller areas can be applied with a brush in 1-2 coats. As a rule, the paint is applied undiluted. In case of need for dilution, max. up to 5% of the appropriate diluent should be added. A dry film thickness of 15 - 20 µm is recommended, which corresponds to 60 - 80 µm of wet film. Avoid coatings thicker than 25 µm dry film corresponding to 100 µm wet film. In case of thick coating, the coating may crack.</p> <p>Prepare a sufficient amount of product for use to process one surface; keep the rest in a well-sealed original packaging. Immediately after finishing work, wash the tool with quick drying thinner.</p> <p>For any additional info, please contact a Chromos-Svjetlost technical advisor.</p>
drying time:	<p>Touch dry: after 30 min (20 °C and relative humidity 65 %).</p> <p>Completely dry after 2 h.</p> <p>Depending on the shade and weather conditions, this period may be extended.</p>
overcoating interval:	Minimum: 2 h/ 20 °C, with 65 % relative humidity and good ventilation, and after 24 h heating can be started.

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safety measures:	Keep away from heat and sources of ignition. Use non-sparking tools. Prevent leakage and spillage into watercourses and drainage systems. Do not store any tools or machines that may produce a spark. Avoid heat, sparks, static electricity and flames. Keep out of reach of children. Wear protective equipment. Read the safety data sheet of the product before use.
transport and storage:	Store in a dry and well-ventilated place out of direct sunlight at a temperature of +5 to +25 °C.
shelf life:	In unopened packaging 18 months from the date of production.
product/packaging disposal:	Empty the packaging completely. Dispose of in accordance with valid regulations to an authorized waste collector.
quality control:	Product quality characteristics are determined by internal production specifications and European and Croatian standards. The product is under the constant supervision of factory quality control Chromos-Svjetlost d.o.o.
disclaimers:	<p>Before using the product, please check its quality. In case of any major deviations from the declared properties of the product, stop the use and contact the manufacturer; otherwise any subsequent complaints will not be accepted.</p> <p>Technical data are the result of our technical and experimental knowledge, and are provided with the intention of achieving optimal results in working with CHROMOS-SVJETLOST products. The data does not contain a legal or secondary obligation of the manufacturer nor does it release the user from the obligation to check the suitability of the product for particular purpose. Due to the use of natural raw materials in our products, minor deviations from certain values are possible for individual deliveries. Contact our Technical service before use on substrates not listed in the accompanying documentation. The manufacturer reserves the right to make any subsequent changes to the Technical Data Sheet. Only the latest edition is valid. Updated Technical Data Sheets can be found on the website www.chromos-svjetlost.hr or can be requested from the manufacturer via the contact e-mail address below. Contact our Technical service for more detailed information. Be sure to read the safety labels on the product packaging before use. Safety Data Sheet is available on request.</p>

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