SYNTOTERM

Data Sheet 2422 / Version 04 / 04.2024

General description

Product SYNTOTERM is a baking lacquer and has been developed for lacquering different types of

metalware indoors, rationally with a single coat.

Resin Modified alkyd resin / melamine resin

Pigmentation Organic and inorganic pigments

Usage Expansion tanks for heating systems, machine components, metalware

Properties – Very short stoving time

Fast stackableReady-to-sprayVery economicalEasy processingGood coverage

Degree of gloss Silk gloss (art. 13433)

Colors shade Blue 3M9733 ap. RAL 5012, other colours on request from 200 kg

Container 5 kg, 20 kg, 200 kg

Storage Store in a cool, dry location in well sealed containers. Pay attention to "Use by" date on

label.

Processing notes

Thinning The lacquer ist ready-to-spray and should not be deluted any more.

Application High pressure (flow or suction cup, pressure Tank, pneumatic pump), ESTA

Air - drying Flashing off approx. 4 min

Curing approx. 4 min at 200 °C Infrared drying approx. 4 min at 180 °C

Dry coating thickness 20 - 40 μm

Consumption Theoretical: 90 g/m2 with 30 μ m dry film

Practical: 150 g/m2

EU Directive 2004/42/EG This product does not meet the VOC limit values of Directive 2004/42/EG, and must not

be used in corresponding applications.

Processing temperature Not less than +5°C. In order to prevent the build-up of condensation during coating, the

surface temperature must be at least 3°C above the dew point.

Cleaning of equipment Immediately after use with nitro thinners 264 or universal thinner 5119 (art. 10516).

Special notes DIN EN ISO 12944 is a binding requirement as regards anticorrosion protection.

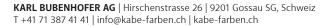
Recommended method

Substrate Steel, aluminium

Pre-treatment The substrate must be clean, dry, and free from grease, oil and dust. Welded locations must

be thoroughly cleaned and any weld scale removed. Thoroughly degrease, abrade as re-

quired and media blast to Sa 2.5 according to ISO 8501-1.



Technical details

Density Approx. 1.10 - 1.30 g/cm³

Solids Approx. 56 - 58% weight Approx. 40 - 42% volume

Flashpoint SYNTOTERM > 21°C

Safety data

Safety measures Refer to the indications on the labels and safety data shits. The requirements of the SUVA,

the Council for accident prevention, have to be respected. Contains flammable solvents

and must be kept away from sources of ignition.

Waste disposal Opened containers, residues or expired material can be brought in particular collection

points. The legal guidelines DETEC on the list of waste transport (LVA) in Switzerland, and

the European Waste Catalogue (EWC), must be observed.

KABE Recycling Empty containers and old paints can be returned to KABE in Gossau. Ask for our detailed

information brochures.

General information The information on this technical data sheet relative to the properties and application of

the product concerned are made on hand of our knowledge, development and practical experience. Because of the multiple possible applications, it is impossible for us to present them all in detail. Our technical consultants are at your disposal for any question you might

have. Furthermore, our general sales and delivery conditions apply.

This technical data sheet is revised periodically. If necessary, our sales department will

confirm the validity of this document.

