

TEMAL 400

DESCRIPTION A heat resistant, silicone paint.

PRODUCT FEATURES AND RECOMMENDED USES

- ☞ Resistant to temperatures up to +400°C/750°F on dry steel surfaces.
- ☞ Exteriors of steel structures exposed to high temperatures.
- ☞ Suitable for fireplace doors, flues, exhaust pipes, sauna stoves and other hot metal surfaces.

TECHNICAL DATA

Volume solids 20 ± 2 %

Density 1.1 kg / litre.

Product code 006 7683

Film thicknesses and theoretical coverage

Film thickness			Theoretical coverage
	wet	dry	
recommendation	75 µm	15 µm	13.3 m ² /l

Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated.

Drying time

DFT 15 µm	+ 10 °C	+ 23 °C	+ 35 °C
Dust dry	30 min	15 min	5 min
Touch dry	1 h	30 min	15 min
Recoatable	3 h	2 h	1 h
Final cure and hardness will be obtained	by curing at +230°C/445°F		

Thinner Thinner 1031.

Cleaning of equipment Thinner 1031.

Finish Matt.

Colour Black.

TEMAL 400

APPLICATION DETAILS

Surface preparation

Remove firm contaminations in order to make the cleaning easier. Remove salts, grease and oil with a suitable detergent. Rinse the surfaces thoroughly with water. (ISO 12944-4).

Steel surfaces: Blast clean to grade Sa2½ (ISO 8501-1) in order to reach maximum heat resistance.

Primer

TEMASIL 90, zinc silicate paint.

Finish

TEMAL 400.

Application conditions

All surfaces must be dry. The temperature of the ambient air, surface or paint should not fall below +5°C/41°F during application. Relative humidity should not exceed 80 %. The surface temperature of steel should remain at least 3 °C / 5 °F above the dew point.

Application

By spray or brush. Mix the paint thoroughly before use. Depending on the application method the paint can be thinned 0-10 %.

VOC

The Volatile Organic Compounds amount to 690 ± 20 g/litre of paint.

HEALTH AND SAFETY

At all times observe precautionary notices on containers. Further information about hazardous influences and protection against those are described in Safety Data Sheet.

A health and safety data sheet is available on request from Tikkurila Coatings OY.

As a general rule, avoid inhalation and skin contact and provide sufficient ventilation. Splashes on skin have to be washed off immediately. Splashes in eyes, rinse with plenty of water and consult a medical centre if the irritation continues.

For professional use only.