



THERMOBLACK 400 NOIR





DEFINITION

Protection coating on steel exposed to high temperatures (peak temperature 400°C).

INTENDED USES

Protection against rust, heat, bad weather and sunlight to the following :

- Furnaces,
- Chimneys,
- Pipes, (area under insulation), etc

PRINCIPAL CARACTERISTICS

- Resists to high temperatures 300°C continuous, 400°C peak.
- Provides good anticorrosive protection.

TECHNICAL DATA

- Gloss level Colours Number of components Specific gravity Solids volume Solids weight Typical thickness (dry) Typical thickness (wet) Theoretical spreading rate
- : Mat : Black : 1 : 1,54 +/- 0,05 g/cm³ : 42,0 /- 3% : 68,0 /- 2% : 40 μm : 95 μm : 10.5 m²/l for 40 μm dry









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High temperature silicone paint

INSTRUCTIONS

SURFACE PREPARATION

New steel « heavy duty Abrasive blast cleaning at Sa 3 according to ISO 8501-1 : 2007. Roughness profile

Mid G according to ISO 8503-2 (Ra 10-12,5 $\mu m).$

APPLICATION

Substrate temperature :	Between +5°C and +40°C and at least 3°C higher than the dew point in order to eliminate any risk of condensation.
Weather conditions :	The temperature should be between 14°C and 35°C The relative humidity should be between 0% and 80%

AIRLESS SPRAY

Thinner : 68-69 v01 Dilution : 0 to 5 % Nozzle : 0.011-0.015 Pressure at nozzle : 110-150 bars

AIR SPRAY

Thinner : 68-69 v01 Dilution : 0 to 10 % Nozzle : depends on the equipment used. Pressure at nozzle : 3-5 bars

BRUSH

Thinner : 68-69 v01 Dilution : 0 to 5 % Pretouch only

ROLLER

Thinner : 68-69 v01 Dilution : 0 to 5 % Pretouch only

CLEANING SOLVENT : 68-69 v01







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CURING TIME

	Dr	ying time	Overcoating interval	
Temperature	Touch dry	Hard dry	Minimum	Maximum
10°C	4 hours	After temperature rise	36 hours	Not critical
20°C	2 hours	After temperature rise	24 hours	Not critical
30°C	1 hour	After temperature rise	15 hours	Not critical
COMPATIBILITY				
	1616			
Previous coat(s)	Itself			
Subsequent coat(s)	ltself			
REGULATORY SPECIFICA	TIONS			
AFNOR RATING VOC (Directive 2004/42/EC) HEALTH AND SAFETY	EU limit value fo	005 rating Family I Class 10 r this product (cat. A/i) : 500 ntains max 500 g/l VOC		
Flash point	Between 23°C to	o 55°C		
Transport and labelling	Refer to the safety data sheet established as per applicable European directives			
Shelf life	1 year in original full, sealed packaging. Store in a cool, ventilated place.			
Precautions	Refer to the curr	ent material safety data she	et	
PACKAGING				
			Dockoging	
			Packaging	

Packaging
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This description sheet is designed to inform customers about the properties of our product. The information is based on our current knowledge. However, this information cannot replace an appropriate description of the nature and condition of the base to be painted. Techniques and technology are constantly developing and it is up to our customers, before using any product, to check with our departments that the sheet has not been updated and replaced by a more recent version. The present description sheet replaces any previous sheet about the same product. The above technical data does not engender acceptance of any guarantee