Minos TECH
MINOS FIRE COAT
Technical Data Sheet

Reviewed: 30.07.2018

DESCRIPTION

MINOS FIRE COAT is premium quality, durable, high temperature paint suitable for temperatures up to 650^{0}C. **MINOS FIRE COAT** has a heat curing formula that once cured, forms a hard, long lasting finish. Suitable for any surface exposed to very high heat. It is ideal for decoration, protection, renovation and repair applications.

ADVANTAGES

- High temperature resistance
- Excellent coverage and filling power
- Long term durability
- Excellent adhesion
- Excellent flow, smooth surface
- Fast-drying
- Durable colour
- Corrosion protection
- Will not burn, chip or flake
- Easy to use

APPLICATIONS

MINOS FIRE COAT is ideal for priming, protection, renovation and repair applications.

It is suitable for engine and exhaust - system parts, oven pipes, chimneys, barbeques and DIY projects around the house.

METHOD OF APPLICATION

Surface preparation

The surface should be clean, dry and free of grease. Remove loose old lacquer and rust and sand the surface.

Application

1. Before use, shake the can for 2 minutes and spray a sample.
2. Mask areas that you don't want to be painted.
3. Apply spray paint quickly and evenly in several thin coats from a distance of 25-30cm, moving the can from side to side and up and down.
4. Shake the can regularly for 10 seconds during spraying.
5. In most cases spray several thin coats.
6. Allow drying for one hour.
7. Then heat for 30 - 60 minutes (160^{0}C) to cure the paint.
8. After use, turn can upside down and press the nozzle for 5'' to clean the valve.

The drying time depends on the ambient temperature, the humidity of the air and the thickness of the layer applied.

CLEANING

With nitro solvent or general use solvent.

CONSUMPTION

2-3m^2/400ml on smooth surfaces

TECHNICAL DATA

Form: Liquid
Colour: Black, Silver
Odour: Aromatic

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Specific gravity:0,75gr/ml
Volatile compounds: 50±1,0/%
Solids: 20±0,5%
Application temperature: 10^0C - 30^0C
Temperature resistance: -5^0C - +650^0C
Touch dry: 10 - 15minutes
Drying time: 1 hour
VOC (Volatile Organic Compounds) CONTENT: (Directive 2004/42/CE) EU maximum VOC content limit values for this product (category Be 'Special finishes'): 840 gr/lt (2010). This product contains maximum 820 gr/lt VOCs (ready for use product).

STORAGE

In a cool and dry place at temperatures between +5^0C - +25^0C away from sources of ignition. Avoid direct sunlight.

SHELF LIFE

At least 5 years in unopened original package, under above mentioned storage conditions.

PACKAGING

Spray 400ml black, silver

PACKAGING	CODE	BARCODE
400ml black	9209	5204094092094
400ml silver	9210	5204094092100

HEALTH, SAFETY AND ENVIRONMENTAL INFORMATION

Aerosol 1: H229 - Pressurized container: May burst if heated Aerosol 1: H222 - Extremely flammable aerosol Eye Irrit. 2: H319 - Causes serious eye irritation Skin Irrit. 2: H315 - Causes skin irritation STOT SE 3: H336 - May cause drowsiness or dizziness P101: If medical advice is needed, have product container or label at hand P102: Keep out of reach of children P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking P211: Do not spray on an open flame or other ignition source P251: Do not pierce or burn, even after use P280: Wear protective gloves/protective clothing/eye protection/face protection P410+P412: Protect from sunlight. Do no expose to temperatures exceeding 50 °C/122°F P501: Dispose of contents and / or their container according to the separated collection system used in your municipality EUH066: Repeated exposure may cause skin dryness or cracking. Substances that contribute to the classification: Acetone; N-butyl acetate; Ethyl acetate

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