

PAYNTICONE 200°C HEAT RESISTANCE PAINT

Silicone Alkyd Resin

Product Description

PAYNTICONE 200° is an alkyd heat-resistant paint, a type of coating formulated with alkyd resins to provide exceptional heat resistance and durability. This type of paint is designed to withstand high temperatures up to **200°C**.

Typical Uses

PAYNTICONE 200°C (Heat Resistance)

- As primer, mid coat or top coat in a multi coating system.
- Heat-stable coatings for industrial facilities.
- Use on machinery, furnaces, ducting, chimneys and pipes.

Physical Data	
Binder	Alkyd resin
Pigmentation	Aluminium and black
Solvent	Hydrocarbon
Component	Single
Finish	Semi-Gloss
Application	Brush, roller and spray
Color	Aluminium and Black
Volume solid	45% ± 3%
Dry film thickness	25 ~ 35 microns per coat
Wet film thickness	50 ~ 80 microns per coat
Specific gravity	Approximately 0.95 ~ 1.15
Theoretical coverage	Approximately 11 ~ 16 m ² /litre
Drying time @30°C	Touch dry ≤ 1 hours
	Hard dry ≥ 4 hours
Pot life (25°C~30°C)	No pot life limit
Coats	1 or 2
Over coating Interval	8 hours minimum at 25°C ~ 30°C
Thinner/cleaner	Paynthinner 12
Shelf life	12 months in tight sealed container

* Use the above recommendations only as a guide. Variations in the number of coats and or dry film thickness may be necessary, depending upon service requirements. Such variations will alter the spreading rate and may influence the drying time and recoating interval.

Surface Preparation

Prior application of PAYNTICONE 200°C: -

Surfaces generally must be clean, dry and free of all loose, dirt, dust, grease, wax, oil stain and other contaminants before paint application. Surface affected by rust must be power tool cleaned to minimum SSPC-SP3 or St 3 ISO 8501- 1:2007, free from mill scale. It must be dry and free from dirt, grease, oil stain and other contaminants before paint application.

Storage

The product must be kept in a cool, dry and well-ventilated place.

Health and Safety

See Health and Safety Section in Data Manual. Note should also be taken of all relevant legislation ruling in individual countries. Consult manufacturers safety data sheet (SDS).

Safety Precautions

Before use: Read instructions for use and precautionary labels on container.

During use: Avoid contact with skin. Ensure good ventilation during use and avoid inhalation of spray, mist and fumes. Wear suitable respiratory or face mask. Wear suitable eye protection. Avoid ingestion of paint.

Storage: Store away from heat and sources of ignition. Avoid prolonged exposure to vapors.

Disposal: Follow local and national regulations.

Spillage: Remove all sources of ignition. Avoid prolonged exposure to vapors. Clean up with absorbent materials. Ventilate area. Do not wash into drains.

Emergency Treatment

Eyes: Flush immediately with water. Seek medical advice.

Skin: Remove contaminated clothing. Use a proprietary skin cleanser. Wash well with soap and water.

Fire: Fight fire with foam or dry powder.

Inhalation: Remove into fresh air. Loosen collar and avoid excessive exertion.

Ingestion: Seek immediate medical advice. **DO NOT** induce vomiting.

Important Note:

Paynt product are warranty against defective materials. Due to different substrate and working conditions, no guarantee of an application result or any liability claims. The users are required to have a test ahead based on their intended use.

PAYNTICONE 600°C HEAT RESISTANCE PAINT Silicone Resin

Product Description

PAYNTICONE 600° is a silicone heat-resistant paint, a type of coating formulated with silicone resins to provide exceptional heat resistance and durability. This type of paint is designed to withstand high temperatures up to **600°C**. This type of paint is commonly used in applications where high temperatures are prevalent, such as industrial equipment and machinery, exhaust systems and automotive components, stoves, ovens, and kitchen appliances, metal surfaces in close proximity to heat sources and high-temperature environments.

Typical Uses

PAYNTICONE 600°C (Heat Resistance)

- As primer, mid coat or top coat in a multi coating system.
- Heat-stable coatings for industrial facilities.
- Protective coatings.

Physical Data	
Binder	Silicone resin
Pigmentation	Aluminium and black
Solvent	Hydrocarbon
Component	Single
Finish	Semi-Gloss
Application	Brush, roller and spray
Color	Aluminium, Red and Black
Volume solid	37% ± 3%
Dry film thickness	20 ~ 35 microns per coat
Wet film thickness	60 ~ 90 microns per coat
Specific gravity	Approximately 0.95 ~ 1.15
Theoretical coverage	Approximately 11 ~ 16 m ² /litre
Drying time @30°C	Touch dry 30 minutes
	Hard dry 2 hours
Pot life (25°C~30°C)	No pot life limit
Coats	1 or 2
Over coating Interval	8 hours minimum at 25°C ~ 30°C
Thinner/cleaner	Paynthinner 12
Shelf life	12 months in tight sealed container

* Use the above recommendations only as a guide. Variations in the number of coats and or dry film thickness may be necessary, depending upon service requirements. Such variations will alter the spreading rate and may influence the drying time and recoating interval.

Surface Preparation

Prior application of PAYNTICONE 600°C: -

Surfaces generally must be clean, dry and free of all loose, dirt, dust, grease, wax, oil stain and other contaminants before paint application. Surface affected by rust must be power tool cleaned to minimum SSPC-SP3 or St 3 ISO 8501- 1:2007, free from mill scale. It must be dry and free from dirt, grease, oil stain and other contaminants before paint application.

Storage

The product must be kept in a cool, dry and well-ventilated place.

Health and Safety

See Health and Safety Section in Data Manual. Note should also be taken of all relevant legislation ruling in individual countries. Consult manufacturers safety data sheet (SDS).

Safety Precautions

Before use: Read instructions for use and precautionary labels on container.

During use: Avoid contact with skin. Ensure good ventilation during use and avoid inhalation of spray, mist and fumes. Wear suitable respiratory or face mask. Wear suitable eye protection. Avoid ingestion of paint.

Storage: Store away from heat and sources of ignition. Avoid prolonged exposure to vapors.

Disposal: Follow local and national regulations.

Spillage: Remove all sources of ignition. Avoid prolonged exposure to vapors. Clean up with absorbent materials. Ventilate area. Do not wash into drains.

Emergency Treatment

Eyes: Flush immediately with water. Seek medical advice.

Skin: Remove contaminated clothing. Use a proprietary skin cleanser. Wash well with soap and water.

Fire: Fight fire with foam or dry powder.

Inhalation: Remove into fresh air. Loosen collar and avoid excessive exertion.

Ingestion: Seek immediate medical advice. **DO NOT** induce vomiting.

Important Note:

Paynt product are warranty against defective materials. Due to different substrate and working conditions, no guarantee of an application result or any liability claims. The users are required to have a test ahead based on their intended use.