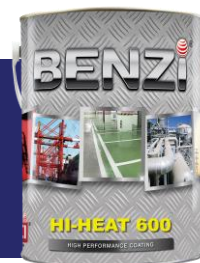


BENzi HI-HEAT 600

Heat Resisting Silicone Aluminium Paint



BENzi HI-HEAT 600 is a heat resisting silicone aluminium paint specially formulated to withstand continuous temperature up to 600°C and pigmented with aluminium flakes which gives excellent anti-corrosion protection for interior and exterior ferrous metal surfaces which exposed to extreme temperature. Ideal for use on furnace, chimney, exhaust, boiler, oven, machinery and engine room.

Standard Packing : 5 litres & 15 litres

Technical Information

Binder	: Modified Silicone
Finish	: Metallic Lustre Low Gloss
Color	: Aluminium, refer BENzi High Performance Coating color card
Thinner	: Thinner
Solid Content	: 45% (by weight); 30% (by volume)
Dry Film Thickness	: 20 - 30 microns / coat
Theoretical Coverage	: 10 - 15 m ² / litre / coat (actual coverage may vary from 20 – 50% due to loss factors such as surface profile, application method, dry film thickness, surrounding condition & etc)
No. of coats	: Minimum 2 coats
Touch Dry @ 30°C	: 1 hour (depends on temperature and humidity)
Recoating Interval	: Minimum 10 hours
Shelf Life	: Minimum 12 months if properly stored

Typical Painting System

Substrate	Primer (1 coat)	Intermediate (1 coat)	Topcoat (1 coat)
New Ferrous Metal (For Optimum Performance)	BENZIPOX Hi-Heat Primer or BENZIPOX Inorganic Zinc Rich Primer	BENzi Hi-Heat 600	BENzi Hi-Heat 600
New Ferrous Metal	BENzi Hi-Heat 600	BENzi Hi-Heat 600	BENzi Hi-Heat 600
Previously Painted Ferrous Metal	BENzi Hi-Heat 600	BENzi Hi-Heat 600	BENzi Hi-Heat 600

Application Methods

Brush / Roller	: Ready for use after thorough stirring, dilute up to 5% of Thinner if necessary
Conventional Air Spray	: Ready for use after thorough stirring, dilute up to 5% of Thinner if necessary
Airless Spray	: Not Recommended
Handling	: Stir the paint thoroughly until completely mixed before painting
Clean Up	: Clean all paint equipment with Thinner immediately after use

Environmental Conditions During Application

Do not apply when the relative humidity exceeds 85% or when the surface to be painted is less than 3°C above dew point; Do not apply at temperature below 7°C, otherwise drying and overcoating times will be considerably extended; This product will only be fully cured upon exposure to temperature @ 200°C for minimum 5 hours and must not be exposed to temperature above 600°C during this period.

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Surface Preparation

New Ferrous Metal Surface

Surface generally must be clean, free from rust, oil, grease, dust and other contaminants and must be thoroughly dried before application. Steel surface shall be manually wire brush or power tool cleaning to remove all rust or loose millscale as to comply with minimum Swedish Standard ST 3, then primed with appropriate primer / intermediate coat before application of topcoat.

Previously Painted Ferrous Metal Surface

Previously painted surface should be thoroughly rubbed down using a suitable abrasive paper and then dusted off. Any loose and flaking paint film must be scraped off, rust should be thoroughly removed (for optimum performance, wire brush or power tool cleaning to a minimum Swedish Standard ST 3 is highly recommended). The entire surface must be dry and free from dust, grease and other contaminants, spot-primed any surface imperfection with appropriate primer / intermediate coat before application of topcoat.





Storage

Keep container tightly closed and in a secure upright position, store in a cool and shady place, do not expose directly to sunlight and extremes of temperature. Keep out of reach of children.

Safety, Health and Environment

Ensure good ventilation during painting, do not breathe vapour or spray mist. Keep doors and windows open during application and drying. It is advisable to wear mask and eyes protector while applying. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. In case of accidental ingestion, DO NOT INDUCE VOMITING, seek immediate medical advice. To remove splashes of paint from skin by using water and soap or skin care product. Do not empty paint into drains or water courses, dispose of any paint waste in accordance with the appropriate Environmental Quality Regulations.

Materials Safety Data Sheet (MSDS) is available upon request.

DANGER			
			
<p>Hazard Statement: Flammable liquid & vapour. May be fatal if swallowed & enters respiratory tract. Harmful if in contact with skin. May cause allergic or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation & allergic skin reaction. Very toxic to aquatic life with long lasting effects.</p>			
<p>Precautionary Statement: Keep out of reach of children. Keep away from heat, sparks, open flames, hot surfaces. No smoking. Wear protective gloves, eyes protector, face protector. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents & container in accordance with all local, national or international regulations.</p>			

Limitation of Liability

Liability of MCI Paint Sdn Bhd on any claim of any kind, including claims based upon negligence of MCI Paint Sdn Bhd, for any loss or damage arising out of, connected with, or resulting from the use of the products, shall in no case exceed the purchase price allocable to the products or part thereof which give rise to the claim. In no event shall MCI Paint Sdn Bhd be liable for consequential or incidental damages.

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Disclaimer

The above information is given to the best of our knowledge based on laboratory tests and practical experiences. However, since we cannot anticipate or control the many conditions under which our products may be used, we can only guarantee the quality of the product itself. We reserve the right to change the given information without prior notice due to production refinements arising from continuing research and development, which may result in changes in the paint properties.