

TIKI BLACK JAPAN

Mfgd. To IS:341:2016

Black Japan Paint



Since 1964

DESCRIPTION

TIKI BLACK JAPAN is a ready to use quick drying heat resisting bituminous composition of brushable consistency, prepared under controlled condition for the protection and decoration of metal and wood surfaces.

USES

The composition is available in following types:

- Type A - This material is used for the protection and decoration of metal and wood surfaces likely to be marked with white paint or finished with varnish.
- Type B - This material is meant for exterior use and intended for protection and decoration of undergear, coal bunks and platforms of locomotives and under frames of carriages besides other general utility as an outdoor finish.
- Type C - This material is durable and heat resisting and is especially suitable for application for protection and decoration on surfaces which become hot under service conditions, such as those of locomotive and for other general purposes where a heat resisting finish is required.

ADVANTAGES

- Outstanding protection against aggressive corrosive atmosphere.
- Provides most efficient and economical protection to metal surface and reduces outrageous upkeep costs.
- Good resistance to mild acids, mild alkalis, water, moisture, and corrosive atmosphere.
- It contains no hazardous compounds of lead.
- Good adhesion to various surfaces.
- Quick drying and return to work.
- Good resistance to high temperature.

SURFACE PREPARATION

The surface to be treated should be thoroughly cleaned to remove loose dust, rust, foreign particles, laitance, oil, grease and other contaminants.

Wooden surface must be smoothen by rubbing with emery paper, clean the surface then fill up the pores with suitable fillers. Cut the surface with emery paper, clean and apply **TIKI BLACK JAPAN**.

APPLICATION INSTRUCTIONS

Apply **TIKI BLACK JAPAN** at recommended rate over the well prepared dry surface by paint brush, ensuring uniform coverage and black finish.

Two Coats are recommended, for better durability. The second coat applied perpendicular to the dry first coat.

PRECAUTION

- Do not apply when temperature is $>50^{\circ}\text{C}$ and relative humidity $>90\%$.
- Do not apply during rain, fog or mist.
- Provide adequate ventilation while painting in poor ventilated areas.

CLEAN-UP

Use Solvents for cleaning equipment and tools immediately after applying **TIKI BLACK JAPAN**.

SUPPLY

TIKI BLACK JAPAN is supplied in pack sizes of 20 Ltr./ 200 Ltr. drum.

STORAGE

TIKI BLACK JAPAN must be stored above 5°C . Store under the shed & protect from extremes of temperature. Keep container close when not in use.

PROPERTIES

TEST PARAMETERS	REQUIREMENT		
	Type A	Type B	Type C
Drying time			
a) Surface dry	< 4 hrs.	< 8 hrs.	< 6 hrs.
b) Hard dry	< 18 hrs.	< 18 hrs.	< 18 hrs.
Finish	Smooth & glossy	Smooth & glossy	Smooth & glossy
Volatile matter content, % by mass .	< 55	< 50	< 50
Ash content, % by mass .	< 3.0	< 0.50	< 0.50
Flexibility & Adhesion			
a) Bend test (with 6.25mm dia. Mandrel in Type 1 apparatus)	No visible damage or detachment	No visible damage or detachment	No visible damage or detachment
b) Scratch hardness (Load 1000g)	No such scratch as to show bare metal	No such scratch as to show bare metal	No such scratch as to show bare metal
Stripping test	Scratches free from jagged edges	Scratches free from jagged edges	Scratches free from jagged edges
Resistance to kerosene (for Type B and C)	-----	To pass the test	To pass the test
Resistance to heat (for 2 h) (for Type C)	-----	-----	To pass the test
Flash point	$> 30^{\circ}\text{C}$	$> 30^{\circ}\text{C}$	$> 30^{\circ}\text{C}$

OTHER PROPERTIES

Application: Brush / Spray

Color: Black

Coverage :

On Metal Surface : 8 to 10 m²/ ltr. / coat.

On Wood Surface : 6 to 8 m²/ ltr. / coat.

On Concrete Surface : 4 to 6 m²/ ltr. / coat.

Re-Coat Interval: ≥ 18 Hours

SHELF LIFE

Shelf life is 12 months when stored as above and in Original Sealed Container.

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We recommend that adequate tests be performed by you to determine if this product meet all your requirements.

Note: Properties subject to change as per specific requirement.

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