



NATIONAL HAMMER FINISH

PRODUCT DESCRIPTION	It is a quick drying metallic finish with hammer tone effect, based on special resin, additives and aluminium paste, which give uniform hammer tone finish on application. The special hammer effect can hide minor surface imperfections or defects. It has good scratch and impact resistances. It can withstand high temperatures. It has excellent adhesion and weather resistance on interior/exterior surfaces.
RECOMMENDED USES	It is specially suited for electrical appliances, machinery parts, domestic heaters, electrical panel board, instruments, tools, equipments, metal furniture's etc. It can be used directly or over National Red Oxide Primer. The uniform hammer tone effect can be obtained by conventional spray application with uniform film thickness. It is used for decorative work on wood, cement, metal windows and doors.

TECHNICAL DATA

COLOUR, DRY FILM	As per National Shade Card
FINISH, DRY FILM	Hammer Finish / Glossy
VOLUME SOLIDS (ASTM D2697)	47 ± 2%
SPECIFIC GRAVITY	0.98 ± 0.03
THEORETICAL SPREADING	15.5 – 11.5 M ² /LTR
RECOMMENDED DFT (DRY FILM)	30 – 40 Microns/Coat
RECOMMENDED WFT (WET FILM)	65 – 85 Microns/Coat
FLASH POINT	25°C

DRYING TIME

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.)	
TOUCH DRY	20 – 30 minutes
FULL DRY	24 hours

ADVANTAGES

NATIONAL HAMMER FINISH	Rapid drying metallic coating with hammer tone effect, good scratch and impact resistances withstands high temperatures, excellent adhesion and weather resistance on interior/exterior surfaces, hides minor surface defects or imperfections, etc.
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APPLICATION INSTRUCTION

SURFACE PREPARATION	Before application, the surface should be sound, clean and free from oil, grease, loose particles, dust, etc. Application can be done by the recommended application methods.
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APPLICATION DATA

APPLICATION METHOD	Spray
CLEANING/THINNING	National GP Thinner
THINNER (VOLUME)	10 – 20%
CONV. SPRAY REQUIREMENTS	Possible
NOZZLE SIZE	0.018” – 0.020”
MIXING RATIO (BY VOLUME)	One pack
POT LIFE @ 30°C (100 ml)	NA

SYSTEM

RECOMMENDED SYSTEM To be applied on prepared surface. Spray pressure, extent of thinning, film thickness and application techniques etc. greatly affect the nature of hammer tone pattern	National Hammer Finish (Mist coat)	: 1 coat
	National Hammer Finish	: 1 coat
	(OR)	
	National Red Oxide Primer	: 1 coat
	National Hammer Finish	: 1 coat

ADDITIONAL DATA

SHELF LIFE @ 30°C	18 months, in original sealed container, with proper storage conditions.
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HEALTH & SAFETY

SAFETY PRECAUTIONS	<p>As a general rule, avoid skin and eye contact by wearing overalls, gloves, goggles, and mask etc. Spillage on skin should immediately be removed by thorough washing with water and soap or suitable cleaner. Eye should be flushed with fresh water. Avoid inhalation of vapours and paint mist by wearing suitable mask. In the event of ingestion and eye contact, seek medical attention immediately. Painting must be carried out in well-ventilated area.</p> <p>This product contains flammable materials and should be kept away from the sparks and open flames, smoking in the area should not be permitted. Local safety regulations should be followed.</p>
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STORAGE & HANDLING

STORAGE	Store the paint in proper storage conditions as per the local regulations. Keep the paint container in sealed condition under shed, away from direct sunlight and extreme temperatures. Do not keep paint material near to any ignition sources. Do not put back the half or unused material back in original container, containing the supplied paint, to avoid contamination. Handle with care. Stir well before use.
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NOTE: We warranty only the quality of our product and this data sheet is based on results obtained from experience and tests. We reserve the right to change data without prior notice. For surface preparation, safety details refer specifier and safety data.

This data sheet supersedes all previous issued.
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