



NATIONAL SPRAY PLASTER FINE  
DECORATIVE COATINGS

TECHNICAL DATA SHEET

## NATIONAL SPRAY PLASTER FINE

<b>PRODUCT DESCRIPTION</b>	National Spray Plaster Fine is an internal ready mixed plaster, based on acrylic copolymer binder with special fillers, and is used as a smooth leveling coat over spray plaster coarse and or medium; applied as a thin layer. It is an easily sandable smooth finish. It contains anti fungal and anti bacterial additives.
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<b>RECOMMENDED USES</b>	National Spray Plaster Fine is recommended for leveling and smoothening the internal ceilings or walls for the subsequent finish coat systems to get the maximum performances. It can be applied as an undercoat on location ground floor, basement or any upper deck of car park concrete walls and ceilings. It is also used as an economical decorative spray texture on ceilings and be over coated with recommended topcoat.
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### TECHNICAL DATA

<b>APPEARANCE</b>	Thick, non – flowing & viscous paste
<b>COLOUR, DRY FILM</b>	White
<b>FINISH, DRY FILM</b>	Smooth, Sandable
<b>VOLUME SOLIDS (ASTM D2697)</b>	58 ± 2%
<b>SPECIFIC GRAVITY</b>	1.65 ± 0.05
<b>THEORETICAL SPREADING</b>	2.84 kg /m <sup>2</sup> /mm (depending on the surface)
<b>RECOMMENDED DFT (DRY FILM)</b>	500 – 1000 microns /coat
<b>RECOMMENDED WFT (WET FILM)</b>	862 -1724 microns /coat
<b>FLASH POINT</b>	Water Based

### DRYING TIME

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time).	
<b>TOUCH DRY</b>	45 – 60 min.
<b>HARD DRY</b>	24 hrs.
<b>DRY TO OVERCOAT COAT</b>	6 - 8 hrs.



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### ADVANTAGES

<b>NATIONAL SPRAY PLASTER FINE</b>	Excellent adhesion, pre-blended ready to use plaster, provides smooth leveled finish, easily sandable, white coloured smooth back ground suitable for subsequent topcoats, no chloride admixtures, do not flake off.
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### APPLICATION INSTRUCTION

<b>SURFACE PREPARATION</b>	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, environmentally friendly.
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### APPLICATION DATA

<b>APPLICATION TOOLS</b>	Putty knife, Scraper etc. Spray equipment (For Texture)
<b>APPLICATION METHOD</b>	Finish internal surfaces with one or two coats of Spray Plaster Fine. If smooth finish is required, can use Putty knife, Scraper etc. to a thickness up to 500 micron per coat, level the surface evenly thereafter, in second coat. If applied thickness exceeds to the recommended dft, shrink cracking in plaster may occur. It is always recommended that areas where required thickness exceeds 500 microns, two coats of Spray plaster Fine be applied. In such cases, the first coat should be applied to about 500 microns thickness and left with a scratched finish for subsequent coats. The second coat should be applied only after the first coat has dried, normally 24 hours. The total thickness of two coats should however, not exceeds to 1000 microns. For textured finish it is recommended spray application by using special spray gun. Apply to a required average thickness up to 1000 microns for the texture.
<b>CLEANING/ THINNING</b>	Water
<b>THINNER (VOLUME)</b>	Ready to use (if required maximum up to 5%)

### SYSTEM

<b>RECOMMENDED SYSTEM</b> (To be applied on prepared surface)	National Spray Plaster Coarse	1 coat
	National Spray Plaster Medium	1 coat
	National Spray Plaster Fine (Smooth or Texture)	1-2 coats
	Other National Recommended system	



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#### **ADDITIONAL DATA**

<b>SHELF LIFE @ 30°C</b>	18 months, in original sealed container, with proper storage conditions.
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#### **HEALTH & SAFETY**

<b>SAFETY PRECAUTIONS</b>	<p>Generally, most of the water base paints are quite safe to handle with due precautions. As a general rule, avoid skin and eye contact by wearing overalls, gloves, goggles, and mask etc.</p> <p>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. Local safety regulations to be followed.</p>
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#### **STORAGE & HANDLING**

<b>STORAGE</b>	<p>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.</p>
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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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