

NATIONAL SPRAY PLASTER MEDIUM

PRODUCT DESCRIPTION	National Spray Plaster Medium is a ready to use material, based on a single component acrylic copolymer binder and modified with precisely graded inert aggregate filler and additives. It is an internal ready mixed plaster for interior applications over spray plaster coarse or directly on concrete, brickworks, masonry surfaces etc. This is mostly used for leveling surface imperfections for hollow concrete blocks. It contains anti fungal and anti bacterial additives.
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RECOMMENDED USES	National Spray Plaster Medium is recommended for internal applications to infill the surface imperfections and voids or to render large sections of concrete, brickwork or masonry by spray application. It can be applied as a base coat on location ground floor, basement or any upper deck of car park concrete walls and ceilings. It can be used up to 5mm thickness per coat to fill the voids or to level the surface imperfections. Always recommended as an under coat plaster.
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TECHNICAL DATA

APPEARANCE	Thick, non – flowing & viscous paste
COLOUR, DRY FILM	Off White
FINISH, DRY FILM	Medium, Hard
VOLUME SOLIDS (ASTM D2697)	60 ± 2%
SPECIFIC GRAVITY	1.70 ± 0.05
THEORETICAL SPREADING	2.80 kg /m ² /mm (depending on the surface)
RECOMMENDED DFT (DRY FILM)	3mm /coat
RECOMMENDED WFT (WET FILM)	5mm /coat
FLASH POINT	Water Based



DRYING TIME

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time).	
TOUCH DRY	3 – 4 hrs.
HARD DRY	48 hrs.
DRY TO OVERCOAT COAT	24 hrs.

ADVANTAGES

NATIONAL SPRAY PLASTER MEDIUM	Excellent workability, pre blended ready to use plaster, excellent adhesion, excellent bond, no chloride admixtures, economical, do not flake off, low volume shrinkage after dry, vapour permeable.
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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, environmentally friendly.
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APPLICATION DATA

APPLICATION TOOLS	Spray equipment, Putty knife, Scraper etc.
APPLICATION METHOD	For spray application by using spray plaster machine apply to a required wet thickness up to 5mm per coat; thereafter, level the surface evenly with a leveling board. If required dry thickness average up to 6mm, 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 dry thickness exceeds 3mm, two coats of Spray plaster be applied. In such cases, the first coat should be applied to about 5mm wet 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 dry thickness of two coats should however, not exceeds to 6mm. Finish internal surfaces with one or two coats of Spray plaster Fine.
CLEANING/ THINNING	Water
THINNER (VOLUME)	Ready to use (if required maximum up to 5%)



SYSTEM

RECOMMENDED SYSTEM (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 coat
	Other National Recommended system	

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>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

STORAGE	<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.
Issued: 0519