



**EXPRESSIONS METALLIC
DECORATIVE COATINGS**

TECHNICAL DATA SHEET

EXPRESSIONS METALLIC

PRODUCT DESCRIPTION	Expressions Metallic is an environmentally friendly, pure acrylic emulsion based interior decorative coating, designed for an elegant metallic pearl effect. The variety of colours in exotic appearance provides an aesthetic appearance. It offers excellent adhesion and an easy to clean coating. It contains anti bacterial and anti fungal additives.
RECOMMENDED USES	Expressions Metallic is recommended for interior decorations of surfaces like concrete, plaster, gypsum, wooden, design board etc. For better colour performance apply Expressions Base coat, closer to the shade of Expressions Metallic. Expressions Metallic can also be used for over coating on Expressions Stucco.

TECHNICAL DATA

COLOUR (DRY FILM)	As per Expressions Metallic shade card.
FINISH (DRY FILM)	Metallic – Glossy
VOLUME SOLIDS (ASTM D2697)	35.0 ± 2%
SPECIFIC GRAVITY	1.03 ± 0.03
THEORETICAL SPREADING	6.5 – 10.0 m ² /Litre. (Depends on application method, film thickness & nature of surface).
RECOMMENDED DFT (DRY FILM)	55 – 35 Mirons/Coat
RECOMMENDED WFT (WET FILM)	155 – 100 Microns/Coat
FLASH POINT	Water Base

DRYING TIME

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.)	
TOUCH DRY	30 – 45 minutes
DRY TO RECOAT	4 – 6 hours
FULLY DRY	24 hours



ADVANTAGES

EXPRESSIONS METALLIC	Environmentally friendly, Pure acrylic emulsion, Pearlescent composition. Excellent adhesion, Easy to clean, Elegant metallic pearl effect, Varieties of colours in exotic appearance.
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APPLICATION INSTRUCTION

SURFACE PREPARATION	The surface on which Expressions Metallic is to be applied should be sound, clean, and free from oil, grease, and dust. If required, by using suitable putty, the surface should be leveled and made smoothen by sand paper.
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APPLICATION DATA

APPLICATION TOOL	Roller or Electrical hand spray gun.
CLEANING/THINNING	Water
THINNER (VOLUME)	Approximately 5% water
CONV. SPRAY REQUIREMENTS	Atomizing pressure : 30 psi
NOZZLE SIZE	2.0mm – 2.5mm

SYSTEM

RECOMMENDED SYSTEM	Expressions Acrylic Primer	: 1 coat
	Expressions Base Coat	: 1 coat
	Expressions Metallic	: 2 coats

METHOD OF APPLICATION

<p>Apply one coat of Expressions Acrylic Primer (White), diluted with 10-15% water, by using roller and allow it to dry.</p> <p>Apply one coat of Expressions Base Coat (closer to the shade of Expressions Metallic) diluted with 5-10% water, by using roller and allow it to dry.</p> <p>Ensure, Expressions Metallic is uniformly mixed with a clean spatula or a mechanical mixer.</p> <p>Apply first coat of the chosen colour of Expressions Metallic, diluted with 5% water, by using an electrical hand spray gun or roller and allow it to dry.</p> <p>Repeat the same method for second coat application also. Allow it to dry.</p> <p>Apply approximately 1 m² of the surface with regular and repeated movements. Continue the application, once the area is completed.</p>



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NATIONAL/INTERNATIONAL TEST CERTIFICATES

Sr. No.	Test Description	Test Reference	Compliance
1	VOC	USEPA 24	Local Regulatory Requirements

ADDITIONAL DATA

SHELF LIFE @ 30°C	6 months, in original sealed container, as per storage temperature of +5°C to 40°C
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HEALTH & SAFETY

SAFETY PRECAUTIONS	Generally, most of the water based paints are quite safe to handle with due precautions. As a general rule, avoid skin and eye contact by wearing overalls, gloves, 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. Local safety regulations to be followed.
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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.
Issued: 0718