

PRODUCT CODE 5486

## Professional Endurance Emulsion

Asian Paints Professional Endurance Emulsion is a water-based, 100% acrylic, exterior anti-carbonation coating offering protection against carbon-dioxide diffusion to your concrete structures. The coating is resistant to Ultraviolet Rays and comes with a superior anti-algal property. Adhering to the Green norms, this is a non-toxic, lead free, low VOC paint.



WATER BASED

**LEAD FREE\* GUARANTEE**

\* All Asian Paints products contain no added Lead, Mercury, Arsenic or Chromium from April 2008.

### PRODUCT BENEFITS

#### Carbon Dioxide Diffusion Resistance (Anti-Carbonation)

Asian Paints Professional Endurance Emulsion has excellent CO<sub>2</sub> diffusion (carbonation) resistance & prevents the corrosion of rebar within the concrete matrix, leading to superior structural protection.

#### Dirt Pick-up Resistance (Anti-Dust)

Professional Endurance Emulsion is designed with a unique Dirt Pick Up Resistance (DPUR) property. It fights dust from settling on the wall surface and thereby retains the initial beauty.

#### Ultraviolet Resistance

Professional Endurance Emulsion uses specially formulated highperformance colour pigments and

binder technology, which offer excellent resistance to ultraviolet radiation.



#### Advanced Anti-algal property

Professional Endurance Emulsion contains an advanced anti-algal formula which keeps away algal growth from your walls.



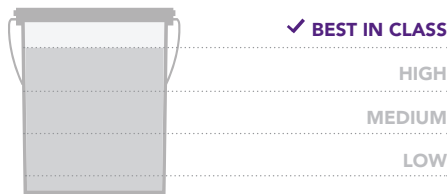
#### Warranty

Professional Endurance Emulsion comes with a comprehensive 7 year performance warranty\*. (5 year warranty for coastal markets).

\* For further details please refer to the Professional Endurance Emulsion Product Warranty booklet.

### PRODUCT FEATURES

#### WASHABILITY



#### AVAILABLE PACKS



Shelf life: 3 years from date of manufacture in original tightly closed containers away from direct sunlight and excessive heat.

#### COLOURS AVAILABLE

**800+\***

\*\* Currently available in more than 800 shades as per Asian Paints Colour Spectra



#### COVERAGE



\*\* Actual Coverage may vary from the quoted coverage due to factors such as method and condition of application and surface roughness and porosity. But care must be ensured coverage do not exceed 65 sq.ft/ltr.

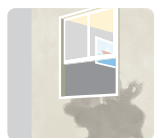
#### ANTI-CARBONATION

**KLOPFER CRITERION**  
**S<sub>p</sub> VALUE (R-Value)**  
**> 50m as per the required norms**  
(for primer + paint system)

\* Figures are as derived from laboratory tests and are subject to vary as per the site surface condition and method of application.

### HOW TO APPLY

#### PRE PAINTING STEPS



**PLASTER** New masonry surfaces must be allowed to cure completely. It is recommended to allow 28 days as the curing time for new masonry surfaces.



**CLEANING** Surface should be free from any loose paint, dust or grease. Growths of fungus, algae or moss should be removed by wire brushing and water. In case of areas having excessive dampness use Asian Paints SmartCare DampBlock to limit further dampness. When the underlying surface exhibits chalkiness, in spite of thorough surface cleaning, use Asian Paints SmartCare Exterior Sealer/Primer.



**FILLING FOR CRACKS** For filling cracks upto 3mm use Asian Paints SmartCare Crack Seal.



**FILLING FOR HOLES & DENTS** In case of dents and holes use Asian Paints Wall Putty or a mix of white cement and fine sand in the ratio 1:3.

**For exterior surfaces or substrates that are subjected to continuous seepage or dampness, kindly use Asian Paints SmartCare DampProof, before the top coat application.**

#### PAINT APPLICATION PROCESS

APPLICATION	PRODUCT CODE	THINNER	DILUTION % (BY VOLUME)	APPLICATION <sup>1</sup> VISCOSITY (SEC)	RECOATING PERIOD <sup>2</sup> (HOURS)
STEP 1 ASIAN PAINTS WALL PUTTY (OPTIONAL) *if smooth surface needed	0079	WATER	BASED ON REQUIREMENT TO FORM PASTE	PASTE FORM	4 HRS
STEP 2 ASIAN PAINTS EXTERIOR WALL PRIMER OR SMART CARE PRIMER BRUSH / ROLLER / SPRAY	0065	WATER	BRUSH 90 - 110 ROLLER 90 - 110 SPRAY 40 - 45	BRUSH 15 - 18 SPRAY 33	4 HRS
APPLICATION OF PRIMER IS MANDATORY					
STEP 3 ASIAN PAINTS PROFESSIONAL ENDURANCE EMULSION EXTERIOR ROLLER	5486	N/A	NO DILUTION REQUIRED	READY TO USE CONSISTENCY	4 - 6 HRS

SUBSEQUENT COATS OF UNDILUTED PROFESSIONAL ENDURANCE EMULSION CAN BE APPLIED TO ENSURE THE TARGET FILM THICKNESS AS PER THE SPECIFICATIONS

1. As measured through a Ford cup. 2. Recoat period is quoted for 25°C and 50% Relative Humidity, these may vary under different conditions. 3. Some shades may require additional coat for proper hiding. 4. If required add 5% water for ease of application.

## ADDITIONAL INFORMATION

### POST PAINTING CARE

For the best performance of the paint, ensure proper washing of the painting surface and cleaning of all algal and fungal growth, if any, at regular intervals of six months.

### TECHNICAL DETAILS

**a. Drying time:** Surface dry time 30 min

**b. Sheen levels:** 3 - 12 at 60 deg GH

**c. Flash point IS101/1987 Part 1, Sec 6:** NA

### PRECAUTIONS

- › Do not apply when ambient temperature is less than 10°C or if the temperature might drop to this level within 4 hours of application.
- › Do not over-thin or over-extend the brush.
- › Use Asian Paints Exterior Roller 650 or 950 best results.
- › Use Asian Paints Trucare-Graco Airless Sprayers for best results on application over elevated structures.
- › Stir well and strain before use.
- › Tinted paints need thorough shaking immediately after tinter addition as well as before use.
- › For extremely rough surface: Application by brush followed by roller is recommended - including on textures.
- › To avoid sagging, use multiple coats to achieve target film thickness.
- › For thicker coat, check adhesion on a smaller area before proceeding to complete application.

### SAFETY FEATURES

- › Kindly refer to the MSDS for Asian Paints Professional Endurance Emulsion which gives detailed information on safety measures while handling the paint, which is available on request.
- › Store the container with the lid tightly closed in an upright position, in a cool, dry place.
- › Keep out of reach of children and away from eatables.
- › May be harmful if swallowed. In case of ingestion seek immediate medical attention.
- › Wear eye protection during application. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- › In case of skin contact immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.
- › Do not breathe vapour or spray.
- › It is recommended to wear suitable nose pad during sanding and surface preparation to avoid dust inhalation
- › Do not pour leftover paint down the drain or in water courses.
- › In the event of spills, contain spillage using sand or earth.
- › No added Lead, Mercury or Chromium compounds.