

PRODUCT CODE 6709 (LAMINO BASE) AND 6710 (LAMINO HARDENER)

## Apex Ultima Protek Lamino

Asian Paints Apex Ultima Protek Lamino is a polyurethane based two pack clear lamination coating, which offers better cleanability and anti-graffiti properties along with excellent weather resistance and UV protection.

### PRODUCT BENEFITS



#### Anti-Graffiti

Provides superior cleanability to graffiti (Aerosol) without any damage to the coating.



#### Anti-Algal

The Apex Ultima Protek Lamino chemistry prevents algae deposition on the surface as well as the advanced anti-algal formula keeps away any further algal growth and ugly black spots.



#### Self-Cleaning

Shows superior cleanability against stubborn stains like Mud, Paan Spits and Bird Droppings.

#### Weather Resistance

Two pack chemistry of Apex Ultima Protek Lamino provides superior UV Protection and durability.



WATER BASED

**asianpaints**

**LEAD FREE\* GUARANTEE**

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



### PRODUCT FEATURES

#### ANTI-GRAFFITI



\* For better results wipe the Graffiti (Aerosol) with General Purpose NC Thinner or PU Thinner.

#### COVERAGE

On smooth masonry surface coated with premium topcoat

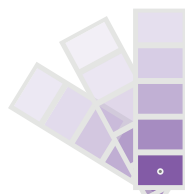


**2 COATS**  
12-13 sq.m/ltr\*\*

\*\*Actual coverage may vary from the quoted coverage due to factors such as method and condition of application and surface roughness and porosity.

#### COLOURS AVAILABLE

**Clear\***



#### FINISH

DEAD MATT MATT **RICH SHEEN** HIGH GLOSS

✓ **SMOOTH**

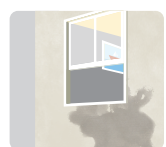
Refer to sheen levels in technical details

#### AVAILABLE PACKS

1 Ltr	10 Ltr
Ultima Protek Lamino Base 1 ltrs + Ultima Protek Lamino Hardener 200 ml = 1.2 ltr	Ultima Protek Lamino Base 10 ltrs + Ultima Protek Lamino Hardener 2 ltrs = 12 ltr

### HOW TO APPLY

#### PRE PAINTING STEPS



**SURFACE READINESS:** Ensure that the painting process is completed as per the directions mentioned over respective topcoats. The topcoat shall be completely cured as per the desired finish and free from any loose dust or grease.

#### MIXING OF APEX ULTIMA PROTEK LAMINO BASE AND HARDENER:

Take Apex Ultima Protek Lamino base in a separate clean container. Add the Apex Ultima Protek Lamino Hardener to it. The base to hardener mixing shall be in the ratio of 5:1 by volume. (For 1 litre of base 200 ml of hardener is required) mix the added material well for 10 to 15 minutes.



#### DILUTION OF APEX ULTIMA PROTEK LAMINO CLEARCOAT:

Ensure uniform mixing of Lamino base and hardener. Dilute the material with 15 to 20% water by volume (For 1.2 litre of previously mixed base and hardener, add 200 ml of water). Mix the diluted material uniformly. Use the mix within 2 hours.



#### APPLICATION OF APEX ULTIMA PROTEK LAMINO CLEARCOAT:

Apply 2 coats of diluted material by roller or brush. A gap of 4-6 hours should be given between two coats. Avoid application of thicker coats in single attempt.

#### PAINT APPLICATION PROCESS

APPLICATION	PRODUCT CODE	THINNER	DILUTION % (BY VOLUME)	APPLICATION VISCOSITY (SEC)1	RECOATING PERIOD2 (HOURS)
STEP 1 IN CASE FRESH COATING APEX ULTIMA PROTEK / ULTIMA PROTEK DURALIFE BASE COAT BRUSH / ROLLER	1090/1100	WATER	30%	N/A	4 HRS
APPLY APEX ULTIMA PROTEK DURALIFE BASE COAT (SELF PRIMING + 1 UNDILUTED COAT) + THREE COATS OF ULTIMA PROTEK DURALIFE TOP COAT AS PER THE RECOMMENDED APPLICATION PROCEDURE ON HORIZONTAL SURFACES LIKE TOP OF WINDOWS/CHAJJAS ETC					
STEP 2 FOR FRESH AND RE-PAINTING APEX ULTIMA PROTEK / ULTIMA PROTEK DURALIFE BASE COAT BRUSH / ROLLER	1090/1100	WATER	NO DILUTION	N/A	4 - 6 HRS
STEP 3 TWO COATS APEX ULTIMA PROTEK / ULTIMA PROTEK DURALIFE / APEX ULTIMA*** TOP COAT BRUSH / SPRAY / ROLLER	1090/1100	WATER	BRUSH MAX 35 SPRAY MAX 35 ROLLER MAX 35	BRUSH 25 - 30 SPRAY 25 - 30	4 - 6 HRS
STEP 4 TWO COATS APEX ULTIMA PROTEK LAMINO CLEARCOAT BRUSH / SPRAY / ROLLER	6709 + 6710	WATER	BRUSH MAX 30 SPRAY MAX 30 ROLLER MAX 30	BRUSH 25 - 30 SPRAY 25 - 30	4 - 6 HRS

1. As measured through a Ford cup. 2. Recoat period is quoted for 30°C and 50-60% Relative Humidity, these may vary under different conditions. 3. Do not apply when temperature is less than 10°C & humidity is greater than 90%. 4. Do not apply during rainy conditions 5. Some shades may require a 3 coat application. 6.\*\*\*In case of Apex Ultima use Exterior Primer or Smartcare Primo as undercoat.

## 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.

For any further information, please visit [www.asianpaints.com/ultimacare](http://www.asianpaints.com/ultimacare)

### PRECAUTIONS

- › For optimum performance, Apex Ultima Protek Lamino must be applied at a temperature between 10°C and 45°C.
- › Do not over-thin and mix according to recommended ratios.
- › Stir well and strain before use.
- › Ultima Protek Lamino will not cover existing cracks, proper care to be taken to ensure the cracks are filled first and then topcoat and clearcoat is applied.
- › For best performance ensure that the surface is dry. On moisture meter it should be under the green zone. In case it is in Red zone, find out the source of water and address it before painting.
- › Ensure not to use Chlorinated water for dilution.

### TECHNICAL DETAILS

**a. Drying Time:** Surface Dry 30 minutes.

**b. Sheen Level:** 20 to 30 at 60 Deg gloss head

**c. Flash point IS101/1987 Part 1, Sec 6:** > 60°C .

**d. Stability of Thinned Paint:** To be used within 2 hours.

**e. Shelf Life:** 24 months for base and 12 months for hardener and kits from date of manufacture in originally tightly closed container away from direct sunlight and extensive heat

### SAFETY FEATURES

- › Kindly refer to the MSDS for Asian Paints Apex Ultima Protek Lamino, which gives detailed information on safety measures while handling the paint.
- › Store the product at ambient conditions in well ventilated locations and away from source of ignition and fire.
- › Use protective equipment like rubber/polythene gloves, safety goggles/glasses, face mask while handling the paint.
- › Avoid eye and skin contact. In both cases wash with soap and plenty of water. Get medical attention if irritation develops or persists.
- › Do not inhale or ingest. In case of inhalation move to fresh air and seek medical attention if symptoms persist in both cases.
- › Dispose in land filling. Do not dispose in any drain and landfill.
- › No added Lead, Mercury or Chromium compounds.