

### ECO PRIMER

PRODUCT CODE: PRWNAD200EC

Markhor's ECO Primer is cost efficient water based sealer recommended for both interior and exterior walls, ceiling, plaster, brick work and wall boards. It is designed to provide maximum protection against moisture.

- ❖ Prevents peeling off of filler and top coat emulsions
- ❖ Excellent opacity and whiteness
- ❖ Improves appearance of top coat
- ❖ Does not chalk and can be applied on adequately cured fresh plaster
- ❖ Does not require curing with water
- ❖ Provides excellent adhesion to filler and top coat emulsions



 WATER BASED

\* All Markhor Paints products contain no added Lead, Mercury, Arsenic or Chromium

### PRODUCT FEATURES

#### AVAILABLE PACKS



Shelf life: 2 years from date of manufacture in original tightly closed containers away from direct sunlight and excessive heat.

#### COVERAGE



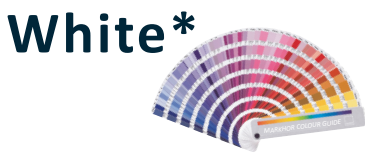
**1 COAT**  
100 - 110  
Sq. Ft / Ltr

On masonry surface by Brush, Roller or Airless Spray.

#### DRYING TIME TO TOUCH



#### COLOURS AVAILABLE



Note: ECO Primer is an undercoat for exterior and interior.

#### RECOMMENDED USE



Can be used for all types of plastered walls, ceiling, brick work, cement sheeting concrete and existing painted surfaces etc.

#### PRODUCT DATA

Specific Gravity: 1.5 Theoretical  
Solid by Volume: 35 ± 2 Volume % (Theoretical)  
Viscosity: 90 - 100 CPS

#### TECHNICAL DATA

Dilution: 20% (Water)  
Dry Film Thickness: 25 - 35 µm  
Wet Film Thickness: 70 - 100 µm

#### DRYING TIME

● Relative Humidity (RH) 50%

	40 °C	23 °C
Touch Dry:	30 Minutes	3 Hours
Hard Dry:	1 Hour	6 Hours
Over Coat:	3 Hours	9 Hours

### 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 **Tac Coating's Tac Cati Protector** to limit further dampness. When the underlying surface exhibits chalkiness, in spite of thorough surface cleaning, use **Markhor's ECO/ULTRA Primer**.

#### APPLICATION PROCESS

APPLICATION	THINNER	DILUTION %	APPLICATION VISCOSITY <sup>1</sup>	RECOATING PERIOD
STEP 1 SANDING	SAND THE SURFACE WITH SAND PAPER AND WIPE CLEAN			
STEP 2 ECO/ULTRA PRIMER BRUSH / ROLLER / SPRAY	WATER	20%	20 - 35 CPS	3 HRS
STEP 3 ECO/ULTRA PUTTY PUTTY TROWL	WATER (If Required)	-	PASTE	3 - 4 HRS
STEP 4 APPLICATION OF TOP COAT BRUSH / ROLLER / ALS	APPLY INTERIOR OR EXTERIOR EMULSION TOP COAT			

#### POST PAINTING CARE

**Bare / Basic Masonry Surfaces**

It's the key to good-looking, long-lasting results. A properly prepared surface is clean, solid and dry, without cracks and imperfections. Base surface free from dust, dirt, grease and other contaminants, it should be completely dry. Surfaces effected by fungus should be treated beforehand with a bleach solution. Apply **Markhor's ECO / ULTRA Primer** and allow to dry for a while, sand & dust off. When it's thoroughly dry, sand smooth, wipe away dust, prior to filling/leveling allow all surfaces to dry off completely, if the alkalinity or the moisture content of the walls is high do not apply undercoats or paint.

**Previously Painted Surfaces**

Remove unstable paint film and powdery substances, dirt, grease, sing abrasive paper or wire brush and dust off. Apply **Markhor's ECO / ULTRA Primer** and allow to dry a while. Allow to dry, then sand smooth. Make sure to prime all bare areas prior to filling/leveling. (Avoid "spot priming," which can result in a non-uniform appearance between primed and non-primed areas).

**Several Defected Surfaces**

Patch holes and cracks with spackling or patching compound. Allow to dry, then sand smooth. Apply 1 coat of **Markhor's ECO / ULTRA Primer** and allow to dry a while before filling/leveling.

### SAFETY FEATURES

#### 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.
- Stir well and strain before use.
- Tinted paints need thorough shaking immediately after tinter addition as well as before use.
- Clean up all equipment with water immediately after use.

#### SAFETY FACTORS

- Make sure that products is out of reach of children and pets.
- Keep away from food and drinks.
- Product must always be stored in a cool and dry place.
- Leftover material should be sealed and stored in an area that will protect it from damage, freezing and temperatures above 95°F.
- Don't swallow it. (If swallowed, seek medical advice urgently).
- Don't breathe vapor or sanding dust.
- Avoid contact with eyes and skin. May cause allergic skin reaction.
- When applying, it is advisable to wear eye protection. in case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Wear protective clothing and mask during application.
- Use soap and water to clean the paint splashes from skin.
- Care must be taken during transportation.
- Always keep container in a secure upright position.
- Use sand to contain any spillage.
- Dispose of paint material in accordance with the appropriate environment International and Local regulations.
- Do not discharge into drains or environment.
- Chemical Safety Data Sheet available on request.
- Does not contain any added Lead, Mercury, Cadmium and Chromium compounds.

### DISCLAIMER

- Theoretical Coverage is based on a mathematical formula.

$$\left[ \frac{\text{Volume Solid \%} \times 10}{\text{Dry Film Thickness}} \right] = \text{m}^2/\text{lit}/\text{coat}$$

and does not consider LOSS FACTORS. Variables like porosity of substrate, application method, dilution ratio, dry film thickness, opacity and so on will affect the loss factor and can vary from 30% - 50% or even more. The above information is given to the best of our knowledge based on laboratory tests and practical experience. However, since we cannot anticipate or control the many conditions under which our products may be used, we can only guarantee the quality of the product itself. We reserve the right to alter the given without prior notice.