



## ATLAS-PSW

### WHITE PRIMER SEALER

#### DESCRIPTION

Atlas-PS is a water borne acrylic emulsion. It is applied as undercoating primer and inter-coating system on rendered concrete, plastered walls, ceilings in order to strengthen the existing substrate prior to water base finish paint application.

#### CHARACTERISTICS

- Water Borne (No solvents).
- Provides excellent scrub resistance
- Rapidly builds film hardness during film formation
- Provides excellent early resistance to chalking, water, hydrolysis and alkali.
- Prevents paint film for whitening in water, especially for clear glaze coats and stone paints.
- Prevents brush clogging problem caused by poor quality paint brushes.
- Provides good adhesion.
- Easy application by brush with excellent flow.
- High Isolation and durability.
- Provides excellent inter-coating effect.
- Suitable for interior and exterior uses.

#### TYPICAL PROPERTIES

PVC %	62
VS %	34
Specific Gravity	1.22
pH	8.6
Viscosity KU	120
Opacity %	70
Gloss %	2.2

#### TECHNICAL DATA @ 25°C

Appearance	Milky White Emulsion
Recommended dry film	30 microns per coat
Advised consumption	150 – 200 gr / m <sup>2</sup>
Coverage	8 – 10 m <sup>2</sup> / litre
Touch dry after	1 hour *
Over-coating interval	3 – 4 hours * @ 25°C
Flash point	> 65°C
Solid content %	> 65
VOC Content %	0.05 – 0.7
Storage temperature	10 – 35°C
Shelf life	2 Years minimum

\*Depending on the temperature & humidity.

#### INSTRUCTIONS

- Mix well before use.
- Paint's temperature should be above 15°C
- Excessed water will result in reducing sag resistance and coverage.
- Substrate temperature should be > 10°C
- Humidity should not exceed 75%

#### SYSTEMS

##### PREPARATION:

Prepare the surface as appropriate.

Surfaces should be clean, dry and free from grease or oil. Remove all loose flaking material.

New surfaces should be primed with Atlas-Primer Sealer mixed with 25% of water;

##### FINISHING:

Apply one coat of Atlas-PSW by brush, roller, conventional or airless spray gun.

#### APPLICATION

##### BRUSH & ROLLER :

When applying by brush, load the brush fairly generously, apply a full even coat and do not brush out too far.

When applying by roller, stir the paint to a smooth consistency before pouring into the roller tray.

Apply with a light even pressure to the roller avoiding excessive pressure at the edges, taking care not to over spread.

Recommended solvent: Tap water 25 – 50 %

##### CONVENTIONAL SPRAY GUN :

Recommended solvent: 35 Tap water – depending on % 75 the required application viscosity.

##### AIRLESS SPRAY GUN :

Application details vary but a typical recommendation is:

**Thinning** - Tap water 35 – 85 %

**Min. working pressure on paint:** 2000 lb/sq.in.

**Spray tip aperture size** : 17 thou

**Spray tip angle** : 80°

##### CLEANING

Clean hands & tools immediately with tap water. Use water when wet, and turpentine, or white spirit when dry.

During work, place tools in water when not in use.

Clean spills right away with a damp cloth.

## **PACKING**

Atlas-PSW is offered in the market in One and 19 Lt.

## **HEALTH AND SAFETY**

- In case of contact with eyes, rinse immediately with large amounts of water.
- Harmful by inhalation, in contact with skin.
- Irritating to the eyes and skin.
- May cause sensitization by skin contact.
- Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
- May cause lung damage if swallowed.
- Keep out of reach of children.
- Wear suitable protective clothing and gloves.
- Avoid release into the environment.
- If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

## **TECHNICAL SERVICE**

The Technical Department is available to assist you in the correct use of our products and its resources are at your disposal entirely without obligation.

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