

# Technical Data Sheet

## Rdymix Penitro Primer

Efflorescence resistance penetrating Primer for interior & exterior walls

### Description

Rdymix Penitro Primer is acrylic emulsion-based primer, with unique fine fillers, white pigments & additives in water as a medium. It is used as primer over exterior & interior building walls before application of exterior wall coating & other water-based paints.

### Standard Compliance

Compliance to standard ASTM D 1227 (3)

### Area of Application

- Priming of Plastered walls, China mosaic tiles.
- Asbestos Brick, false ceiling concrete surface.

### Product Features & Benefits

- Bonding – Good binding of chalky or porous substrates and over coating. Used as primer on internal & external walls.
- Suitable on alkaline substrates, provide deep penetration imparts excellent adhesion.
- Excellent efflorescence resistance due to chemical inertness.

## Method of Application

### Surface Preparation

- All Surfaces before application must be thoroughly cleaned of all laitance, loose material, oil, grease, etc.
- Mechanical means such as wire brushing & shot blasting can be used.
- Finally, vacuum cleaning of all loose solids and liquids can be done if required.
- All surface cracks up to 5 mm width should be filled up with Rdy mix Crackcure Paste.
- Cracks more than 5 mm and all separation gaps should be filled up with Rdy mix Rdybond and Rdy mix Rdybond Flex modified mortar or as specified.

### Applications

- Dilute Rdy mix Penitro Primer with water in proportion of 2:1 by volume and stir well until a uniform consistency is achieved.
- Apply a single coat of Rdy mix Penitro Primer diluted on the cleaned substrate & allow it to dry for 2 to 3 hours before commencing to further finish coats.
- Light cut with sand paper the coating of Rdy mix Penitro Primer before commencing the finish coats on internal walls

### Technical Information

Sr.no	Properties	Specification/Standard	Results
1	Colour	Visual	White
2	Density @ 25° C,	ASTM D 1475	1.25 - 1.29 g/cc
3	Solid content,	ASTM D 2368	% Min 48
4	Dry film Thickness	ASTM D 1005	20 – 25 microns
5	Bonding strength	ASTM D 4541	>1.0 Mpa
6	Efflorescence resistance	Internal method	No efflorescence on coated film

## Precautions & Limitations

- Only 50% dilution (w/w) is recommended for Rdy mix Penitro Primer by water.
- Excess water on substrate must be removed by suitable means.
- Do not apply during rains or in direct sunlight.
- Do not tint the primer

## Coverage

8-10 m<sup>2</sup> / ltr / coat coverage may vary depending upon the nature and texture of the substrate

## Shelf Life & Storage

- Shelf life is 24 months from the date of manufacturing in unopened condition.
- Store in a cool & dry place.
- Keep away from direct sunlight.

## Packaging

## Health & Safety Precautions

Caution should always be exercised while handling of any chemical products.

- Wash skin with soap & water.
- Remove contaminated clothes.
- **On eye contact:** Immediately splash eyes with plenty of water. Consult Physician if irritation persists.
- **Ingestion:** Do not induce vomiting. never give anything by mouth to an unconscious person. Call a Physician

## PRODUCT STEWARDSHIP:

Jesons is committed to Responsible Care<sup>®</sup> and wants to pose no risk to people or the environment at any stage of their product life cycle. This responsibility is the base of our Product Stewardship principle by which we evaluate the Safety, Health and Environment information on our products and take appropriate steps to protect our Employees, Public Health and Environment.

### Disclaimer:

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge, understanding and experience of the product. The product can have a variety of different applications as well as differing application and working conditions in user environment that are beyond our control. We are therefore, not liable for the suitability of our product for the production/application processes and conditions in which user/customer uses them, as well as the intended applications and results. We strongly recommend that the user carry out their own prior trials to confirm such suitability of our product and its compliance with all applicable laws, regulations, and safety standards. The Information in the Technical Data Sheet does not constitute a warranty or guarantee, either express or implied, of any specific properties and suitability for any particular purpose.