

Impervious Substrate Primer

DESCRIPTION

ACT PR-1 is a fast drying specialist one coat primer for use over difficult to adhere to substrates and materials such as existing tiles, vinyl, metal, plastic and other non porous substrates including dense concrete, Scyon and Ceminsal Boards. **PR-1** can be used to improve the adhesion of tile adhesives, waterproofing membranes, screeds, renders and paints.

FEATURES & BENEFITS

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| ◇ User friendly | ◇ Saves time and money |
| ◇ Fast drying | ◇ Eliminates grinding or removal of existing substrate |
| ◇ High adhesion | ◇ Apply by brush or roller |
| ◇ Water based | ◇ Textured finish |
| ◇ Suitable for internal and external* applications | |

SUITABLE FOR

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| ◇ Priming over existing tiles | ◇ Priming over most metals |
| ◇ Priming over existing vinyl | ◇ Priming non-porous surfaces |
| ◇ Priming over acrylic and oil-based paints | ◇ Priming over epoxy coatings |
| ◇ Priming over dense concrete | ◇ Scyon Boards |
| | ◇ Cemintel Boards |

SUBSTRATE PREPARATION

All substrates must be clean, dry, free from dust, wax, grease, oil, laitance, curing compounds and release agents. Flexible building boards such as F/C sheeting and plasterboard must be fixed in accordance with the manufacturers written instructions. Excessive dust should be removed by sponging down substrate with clean water before applying **PR-1**. **ACT Australia SCR-100** Pre-blended Screed must be allowed to cure for a minimum of 24 hours. Generic sand and cement screed must be allowed to cure for a minimum of 7 days. Concrete must be allowed to cure for a minimum of 28 days. Metal surfaces must be free from rust and oxidation film etc. Existing tiles must be sound and not drummy. Vinyl tiles or vinyl adhesive residue must be clean and dry. Painted surfaces must also be soundly adhered, remove any loose or flaky paint. If in doubt with any of the above please contact **ACT Australia Technical Services**.

APPLICATION

Before applying **ACT PR-1** stir thoroughly to ensure consistency of product. Apply **PR-1** to prepared substrates using a brush or roller.

DRYING

Tack Free: Allow 15 minutes at 23°C

Dry Film: Allow 60 minutes at 23°C

Drying time may vary depending on surface porosity, relative humidity and ambient temperatures.

CLEAN UP

ACT PR-1 can be removed from the surface using a damp cloth while the product is wet. Tools and equipment can be scrubbed clean with warm water prior to drying.

COVERAGE

4 litres of **ACT PR-1** will cover approximately 60m² depending on type and porosity of substrate. Cured film thickness should be no less than 0.20mm.

SHELF LIFE

In unopened original packaging for up to 12 months when stored in a cool, dry environment off the ground and out of direct sunlight.

LIMITATIONS

- ◇ Is not suitable for solvent based finishes.
- ◇ Do not use in uncovered external applications.
- ◇ **ACT PR-1** is not suitable for continuous water immersion applications, such as swimming pools etc.
- ◇ Do not apply over 100% polyurethane waterproofing membranes or coatings.
- ◇ Do not apply over wet or damp substrates.
- ◇ **PR-1** is not to be diluted.
- ◇ Do not apply in temperatures below 5°C and above 35°C and hot and windy conditions.
- ◇ If in doubt, contact **ACT Australia Technical Services** for further information and advice.

SAFETY DIRECTIONS

ACT Australia supports best practice in material handling. Provide good ventilation- open doors and windows and use circulating fans. Appropriate gloves, masks, safety glasses and protective clothing should be worn. If product comes in contact with skin it can be washed off with water before drying. If swallowed drink plenty of drinkable water and seek medical advice, do not induce vomiting. In case of contact with the eyes, rinse with clean water or eye wash solution and seek medical advice.

See safety data sheet for additional information.

If in doubt with any of the above please contact **ACT Australia Technical Services**.