

## PRODUCT DATA



# - 2052 CLEAR PENETRATIVE SEALER

### INTRODUCTION

#### - 2052 CLEAR PENETRATIVE SEALER

is a solvent based Acrylic Co-Polymer on perfect drying behaving as a clear sealed film forming, strongly bonded, non-glossy, **washable, tough, non-cracking, shock, impact, abrasion, weather and U/V resistant** seamless adhesive membrane providing long lasting & ever fresh look. It has been specially formulated to act as protective sealer for semi and highly porous internal and external surfaces from oxidation, corrosion or erosion; to fill-up and seal minute pores, pinholes and hair line cracks and to restore sanitary appearance when applied in a minimum of coats. It is best for **COASTAL** and other areas subjected to high humidity and water spillage. It can be effectively used on exposed structures to protect from destructions caused by atmospheric variations, humidity and water preventing from rusting/corrosion, chlorination/ carbonation, weathering and local mechanical damages during civil construction and structure fabrication. The deep penetration of the sealer into the substrates applied on providing a glass bonding effect thereby preserving the same textured finish, retarding penetration of grease, oil, dilute acids, seepages, dampness, moldings, fungus and weather deterioration.

-2052 is most suitably to be used as **Surface Sealer, Hardener, Seamless Membrane and Dust Proofer on R.C.C., Brick Works, Mosaic & Tiled FLOORS. It is applied on to facades, precast concrete and fair face concrete surfaces to strengthen, protect, seal, preventing marginal edges, sides and corners from chipping beside enhancing the wet appearance and fresh look of the exposed aggregates.**

### CHEMICAL BEHAVIOUR

1. Flammable in liquid state, Flash Point 36 °C (ASTM-D-56).
2. The dried/cured film **NON-TOXIC, NON-CORROSIVE & NON-POISONOUS** in handling and contact, insoluble in petroleum, white spirit, turpentine, mineral oils, gasoline, kerosene, fats, greases, dilute acids/alkali & water. However, on prolonged contact with water it may absorb 2% water which will evaporate if allowed to dry perfectly restoring the normal look.

### HOW TO USE?

1. Thoroughly clean, wash with potable water, dust free and dry the surface, to be treated, for as long as it is completely moisture free. If the surface is oily or greasy, clean the same with Toluene, Xylene or Butyl Acetate
2. Apply 1<sup>st</sup> coat with clean brush, fiber roller (must be resistant to solvents) or spray. If most necessary to get smooth coating use up to 5% solvent and mix thoroughly.
3. Apply 2<sup>nd</sup> coat in the supplied consistency after 2 to 4 hours of 1<sup>st</sup> coat.
4. Apply 3<sup>rd</sup> coat as it is, if required specifically.
5. It is advisable to protect applied surface from direct dust for at least 6 hours after last coat.

### SPECIFICATIONS

- Color : Clear/Transparent.
- Odor : Strong solventy smell while wet. However, dried film odorless.
- Solid Contents : Avg. non volatile content 25% ± % W/V (ASTM C-771)
- Service Temp. : 5 °C to 80 °C
- Consistency : Free flowing liquid.
- Specific Gravity : 0.95<sup>o</sup> ±1 Baume´
- Diluents/Cleaner : Butyl Acetate up to 5% only.

### COVERAGE

160 Sq.ft. on flat non-porous surface. The coverage is directly linked to the porosity & texture of the surface, method of application and atmospheric conditions specially the humidity factor.

### DRYING

Touch dry within 10 minutes and cures within 3 hours. The drying process is directly related to the atmospheric humidity & temperature conditions. Proper ventilation is advised for application and fast curing. (ASTM-C-309)

### STORAGE/SHELF LIFE

Up to 2 years if stored at 25 °C in air tight container.

### PACKING/DELIVERY

1, 5 & 25 Kgs. Plastic Cans. Prompt from ready stock.

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#### **Important Notice:**

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