

## PIPA-2

PIPA 2 is a ready to use water base shuttering oil developed specifically as a release agent where high grades of concrete are poured and placed over aluminum, MS, or Plastic formwork.

### FEATURES of PIPA 2

- Water base
- Does not wash away in rains
- Ready to use, no errors of diluting at site
- Green color- visual check of correct application
- PIPA 2 sets on the forms and turns inert to the concrete
- Does not bond to the concrete, instead bonds to the forms
- Since its inert to concrete- No layer of PIPA 2 on the concrete which enhances bonding of subsequent plaster/ gypsum / tiles / paint etc
- Highly lubricating to flowing concrete
- Forms a water impermeable layer over the form
- Very good release - Ideal for intricate designs
- Fair faced concrete, non stained – ideal for exposed concrete finish

RAZONPIPA is a unique chemistry formulation wherein water is the carrier and the lubricating material is highly effective to withstanding concrete, it is neutral in pH, and highly resilient to the abrasion due to “travelling plastic concrete”. It tends to provide significantly good release characteristics on all type of form materials.

**PIPA is designed for use on metal(aluminum/ M.S. shuttering) as well as Polypropylene (Plastic) and Ply wood forms and rubber moulds. It especially provides passivating film to M. S. &aluminum surfaces,**

**enhances life of M S/ aluminum plates reducing metallic oxidation.**

PIPAs smooth release and non staining characteristics make it an excellent product for Glass Reinforced Concrete panels viz. cast in white / grey color, having intricate designs and smooth-glassy finish.

Immediately after deshuttering, scrub the shuttering board surface with wire coir, cloth. Apply PIPA by roller for best results. Cross coating of PIPA is suggested, so as to get a complete and through application on the form surface. **PIPA is ergonomic, non slippery, and green in colour so that it is easily evident how effectively the coating has been applied.**

### ADVANTAGES OF PIPA-2

- 1 Easy release, and no degradation of forms due to sticking concrete.
- 2 Increase life of shuttering material by 2-3 fold.
- 3 Subsequent coatings augment earlier coating, hence ensure smooth release of form from concrete as the forms age.
- 4 Enhances surface finish, maintaining the smooth form surface, hence increasing UV radiation reflection.
- 5 Reduce friction between flowing concrete and form surfaces, hence reducing surface honey combing. Imparts smooth “Mirror“ finish to concrete.
- 6 Since its chemical base, it adheres to the forms, rather than the concrete surface after de-shuttering. Hence does not interfere with subsequent finishes application costings.
- 7 Especially designed for MIVAN forms, wherein lubricity, good surface finish, protection of the lacquer, and prevention of concrete adhesion to MIVAN is utmost importance.

### Method of use

**Stir contents of PIPA-2 barrel.** Apply coating of PIPA depending upon smoothness desired (in case of ply-roughness of shuttering material) surface. Cross coating yields best results i.e. dip roller in PIPA and apply coating in North South direction and then immediately move the roller in East-West direction. The coating may appear to dry within a few minutes, however the

forms should appear uniformly green. In spots where the green is practically invisible, one more pass of the roller should be made, so that the coating on the form appears uniform. Place & tie the forms as usual, pour concrete as usual, and de-mould as usual.

The coating will remain on the form- this will be evident by the slight tint of green prevailing on the form rather than on the concrete. The subsequent coating of PIPA on such a surface will augment the release characteristics of your forms.

**Packing:** 20/ 210 liter barrels.

| NO | PRODUCT DATA     |                                                                         |
|----|------------------|-------------------------------------------------------------------------|
| 1  | Base             | Chemical base                                                           |
| 2  | Colour           | Green Fluid                                                             |
| 3  | Consistency      | Viscous liquid                                                          |
| 4  | Specific Gravity | 1.01                                                                    |
| 5  | pH               | 7 approx                                                                |
| 6  | Dosage           | Direct to use on shuttering surface                                     |
| 7  | Corrosion        | Nil. PIPA for metal provides passivation & increases life tremendously. |
| 8  | Storage /Life    | 1 yrs if stored away from sunlight in cool dry place.                   |
| 9  | Toxicity         | Nil                                                                     |
| 10 | Coverage         | 200-400 sqft per ltr depending upon the form                            |
| 11 | Packing          | 210 liter barrels.                                                      |

Rev No 01/16.08.2022

### OTHER PRODUCTS

Water Base Shutter Release Agents,

Oil Base Shutter Release Agents

Grease for Tie Rod bard

Admixtures for Concrete

Integral Curing Admixtures for Concrete

Integral Curing Admixtures for Plaster

Integral curing admixtures for waterproof screeds/ mortars

Tie Rod Hole filler- Waterproof & non shrink Polymer base

Re-bar Epoxy

Eco- Waterproof course for cracks in RMC slabs



It is strongly recommended that site trials be conducted using site conditions and available raw materials to evaluate the product. Since site materials and conditions are beyond our control and since above suggestions and recommendations are based on our site trials and laboratory product evaluation & trials, and since methods of use at site are beyond our control. Hence, no guarantee can either be implied or enforceable

**Manufacturer:**

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**AN ISO 9001-2015 COMPANY**

