

RELEASE AGENT (RA)

Formwork | Precast | Tilt Panel Concrete Release Agent

**Features**

- Concentrate (mix with water)
- Low suction between panels
- Resists rain wash off
- Non evaporative
- Lubricates & protects fittings

Contents

Lanolin (a natural product), blended with an evaporative carrier & surfactant. Mixes with water.

Usage Examples

- For use on form surfaces including steel, timber, plywood, PVC, rubber, polypropylene, plastic & fibreglass
- Safe for environmentally sensitive areas and waterways
- Protection of machinery and equipment from concrete overspray

Concrete (mix @ 1:6 parts water)

- Formwork Release Agent
- Tilt Panel Bond Breaker
- Precast Mould Oil

Scaffolding (mix @ 1:4 parts water)

- Lubricant for jacks & fittings
- Spatter protection for tubes, jack, fittings and equipment

Coverage Rate

- Approximately 20-25m² per litre of mixed product
- Application rates necessary to optimise performance may vary depending on form condition and porosity, concrete composition and cutting time, concrete build up and ambient temperature

Preparation

- Shake or stir Lanotec Release Agent concentrate to consistency before mixing with water
- Add concentrate to container then add water to achieve your desired dilution rate
- High quality sprayer recommended (Chapin brand or similar)
- For best results apply to a clean dry surface

Storage & Transport

- This product is classified as non-Dangerous Goods
- Keep in cool, dry, well ventilated place
- Keep out of reach of children
- Shelf life - virtually indefinite if kept sealed in reasonable conditions
- Once mixed with water, use within in 2 days

Application

- Apply a fine even coat with quality sprayer and flush sprayer with water only

Tilt Panel

- When using as a bond breaker, apply to the top of cured panel in 2 even diagonal opposing coats. In extreme heat, the panels can be sprayed with water before Lanotec Release Agent is applied, this reduces the amount of Release Agent absorbed by the cured panel
- If it rains after application, feel for waxy surface and judge if further application is required

Formwork

- Continued use on formwork leaves surface clean after stripping: no cleaning required between pours, simply spray, pour, strip and repeat
- For best results, apply to the horizontal before erection (steel & aluminium) where practical

Precast

- Non staining for coloured concrete
- Can be applied after setting polystyrene block outs (does not affect polystyrene)
- If mopping the finish, use a new clean mop pre soaked in Lanotec Release Agent
- Safe for fibreglass, PVC, polypropylene and rubber moulds
- High performance for bullnose moulds

Coatings

- Lanotec Release Agent degrades in the curing process of concrete
- If used to manufacturer specifications, chemical cleaning of the concrete is not required before applying a coating system. High pressure water blast is all that is required for best results
- Adhesion testing as per AS 1580.408 indicates that Lanotec Release Agent did not cause adhesion failure of the coating systems at the coating/concrete interface of coating systems to the cured concrete. For further information in regards to this please contact Lanotec Australia

Certifications

- AS4020 Certification - for use in contact with drinking water - testing conducted by NATA certified laboratory
- Global green Tag Certified as a environmentally sustainable product

Always read
entire label
before using
product

For safe handling of this product, please consult the Safety Data Sheet (SDS)
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