

MasterFinish[®] RL 220

High-quality form-release agent

Description

MasterFinish RL 220 form-release agent offers an effective and versatile way to release architectural precast and structural concrete. It can be used for ambient or steam cures and on forms made of wood, steel, fiberglass or concrete.

Applications

Recommended for use in:

- Precast and prestressed concrete plants
- Concrete pipe plants

Substrate

- Steel forms
- Fiberglass forms
- Concrete forms
- Wood forms

Features

- Safe for wood, steel, fiberglass and concrete forms
- Non-staining
- Easy to apply
- No residue transfer
- Unaffected by light rain or other mild weather conditions
- Ready-to-use

Benefits

- Prolongs life expectancy of forms
- Ideal for architectural concrete
- Speeds up production
- Helps to make steel forms virtually self-cleaning and rust-free
- Flexible application timing
- No mixing required

Guidelines for Use

Yield: Up to 3,000 ft²/gal (73 m²/L).

Surface Preparation: Before applying, the forms must be smooth, clean and dry. Porous forms of wood or concrete should be sealed with MasterFinish PT 100 protective coating, a thermosetting polymer coating. MasterFinish PT 100 protective coating seals any surface pores and provides a durable smooth surface to cast upon.

Application:

1. Apply a thin coat to the form by brush, roller, spray, cloth or mop.
2. MasterFinish RL 220 form-release agent is initially fluid which dries to a thin film after application.
3. Ensure that film is dry prior to placing concrete. Depending on ambient conditions and nature of form material, concrete can be placed in as little as 10 minutes.

Clean Up: Clean spray equipment, brushes, and rollers with soap and water before they dry.

For Best Performance

- Certain form coating systems may be porous and therefore may alter the performance of MasterFinish RL 220 form-release agent. Please contact a Master Builders Solutions representative for additional information pertaining to pretreated surfaces.
- Over-application may result in staining of the concrete, and build-up on forms.
- Forms coated with MasterFinish RL 220 form-release agent should be dry to give the best concrete appearance; otherwise a slight dusting may result.
- If overapplication of MasterFinish RL 220 form-release agent results in excess residue on concrete, clean by powerwashing with detergent.
- When coatings or sealants are going to be used on concrete placed with MasterFinish RL 220 form-release agent coated forms, conduct an adhesion test before application.
- Do not use if ambient or form temperatures are less than 45 °F (7 °C) or are likely to fall below 45 °F (7 °C).
- Make certain the most current versions of product data sheet and safety data sheet are being used; call your local sales representative to verify the most current versions.

Storage and Handling

Storage Temperature: Store in unopened containers in a cool, clean, dry area above 45 °F (7 °C).

Shelf Life: One year when properly stored.

Packaging

5 gal (18.9 L) plastic pails

55 gal (208 L) plastic drums

VOC Content

742 g/L or 6.19 lb/gal, less water and exempt solvents.

Related Documents

Safety Data Sheets: MasterFinish RL 220 form-release agent

Additional Information

For suggested specification information or for additional product data on MasterFinish RL 220 form-release agent, contact your local sales representative.

Master Builders Solutions creates technologies for the construction industry inspiring people to build better. We are active in ~40 countries and operate 35 production sites with over 1,600 employees. We develop, produce, and market high-quality chemical admixtures, as well as adjacent core technologies, to master the challenges of today and support a decarbonized future. Our people are pivotal and pair leading technologies and a strong brand heritage to surpass our customers' expectations and drive continuous value creation.

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