

**Bay Oil Company**  
**38 Plainfield Street**  
**Chicopee, Ma. 01013**  
**Tel.413-737-7728 Fax 413-737-7730**

**Data Sheet**

## **Bayslick Release Agent 220**

### ***Concrete Form Release Agent***

Unlike ordinary form oils, **BAYSLICK 220** is not a lubricant. It is a compound that acts chemically to prevent bonding between form and concrete. After the concrete has hardened, forms treated with **BAYSLICK 220** break away with minimum effort, leaving smooth concrete surfaces and clean forms essentially free of concrete deposits. With practically all chipping and wire brushing eliminated, little labor is required to prepare the forms for use or to touch up the finish of concrete.

Forms treated with **BAYSLICK 220** last longer, too. Not only is there less distortion and breakage, but **BAYSLICK 220** has a waterproofing effect on wooden forms, and it protects steel forms against rusting. **BAYSLICK 220** is used as a rust preventative for steel forms in storage and as a general preservative and cleaning agent for all tools and equipment used in handling concrete mix. Repeated application of **BAYSLICK 220** tends to loosen concrete deposits on old forms, and it works to prevent further accumulations.

**BAYSLICK 220** can be applied quickly and easily with an inexpensive portable spray outfit available from the builder material supplier. It can also be applied by brush, swab, or dip. Only a thin film is required. The recommended application rate is 1,000 – 3,000 square feet per gallon compared with 300 – 400 square feet per gallon for ordinary form oils.

Forms in continuous production service are treated with **BAYSLICK 220** before each use. Stored or idle steel forms should be treated after the last casting and again immediately before being put back in service.

### **Typical Inspections**

The values shown here are representative of current production. Some are controlled by manufacturing specifications while others are not. All of them may vary with modest ranges.

<b>BAYSLICK 220</b>	
Gravity. API	31
Viscosity, SSU at 100 F	37
Flash Point, (TCC). F	110
Pour Point. F	-20
Color	amber

The film has good weather resistance and can be expected to give weeks of effective protection against rusting.

**BAYSLICK 220** leaves a smooth white surface, free of bug holes, with no build-up on wood or steel forms.

## **Recommended Uses:**

**BAYSLICK 220** is a versatile product that can be used with all types of forms.

**Plywood Forms:** **BAYSLICK 220** is compatible with all plywood coatings, doubles or triples form life, and helps to keep grain from rising.

**Patented Wall Forms:** Spray forms with **BAYSLICK 220** before each casting; also spray backs occasionally for easy removal of concrete seepage or spattering.

**Steel Pans:** Spray with **BAYSLICK 220** just before installing reinforcement. **BAYSLICK 220** should not be applied to reinforcing steel.

**Steel Column Forms:** Regular applications of **BAYSLICK 220** will help to keep forms completely free of deposits and rust.

**Fiber Tube Forms:** Apply **BAYSLICK 220** to large tubes with spray; small tubes can be treated by soaking a swab in **BAYSLICK 220** and ramming it through them. **BAYSLICK 220** is suitable for wax or plastic-coated tubes. Tubes will strip easily within 90 days.

**Post-tension Rods:** Dip rods in **BAYSLICK 220** several weeks prior to their installation. By preventing bonding between rod and concrete, this treatment can eliminate need for conduits.

**Aluminum Forms:** **BAYSLICK 220** is highly effective in eliminating the tight binding often encountered with aluminum forms.

**Slip Forming:** In cases where a release agent cannot be applied before each pouring, use **BAYSLICK 220** before placing the forms in service. For wood forms, soak staves in **BAYSLICK 220** for at least half an hour. If possible, re-spray the forms with **BAYSLICK 220** before each pouring.

**Concrete Block Plants:** Clean molds and spray them with **BAYSLICK 220** between castings.

**Concrete Pipe Plants:** Treat forms, rings, pallets, mixers, conveyors, etc. with **BAYSLICK 220**.

**Cement-handling Equipment:** Mixers, pavers, hoist buckets, power trowels, truck pans, wheelbarrows, chutes, conveyors, and other equipment that comes in contact with cement can easily be kept clean if it is hosed down at the end of the work period and sprayed with **BAYSLICK 220**. Shovels, hoes, trowels, and other hand tools should be cleaned off and soaked in a drum containing **BAYSLICK 220**.

**Other Applications:** Aluminum window frames, glass, truck cabs, floors, and other parts and areas subject to spattering with cement or plaster can be pre-coated with **BAYSLICK 220**. Subsequent spattering can be removed cleanly and easily.

**Meets:** US Corps of Engineers, CE-204 and CE-1401.01.