

Base Coat & Slip Coat

Ship Launching Grease System

Base Coat and Slip Coat launching greases are premium products offering several features and benefits to shipbuilders and offshore drill rig builders.

Base Coat and Slip Coat are for launching ships, offshore drill rigs, etc., on sliding ways. A one-quarter inch layer of Slip Coat on a one-quarter inch layer of Base Coat will support twenty-five tons per square foot. Dynamic coefficients of friction range from 0.025 to 0.035 depending on declivity and loading. Slip Coat is spread on cooled Base Coat. Ways must be cleaned of previous coating or lubricants prior to applying Base Coat.

Coverage:

Base Coat comes in 50 pound blocks and will cover about 50 square feet @ ¼ inch deep.
Slip Coat comes in 400 pound drums and will cover about 350 square feet @ ¼ inch deep.

Base Coat

- Adhesive, resists extrusion
- Rust preventive
- High melting point; stable
- Withstands heavy loads
- Protects steel ways
- No bleeding or melting at high ambient temperatures

Slip Coat

- Low static friction, 0.035 with Base Coat
- Salt and Fresh Water resistant
- Compatible
- Ease of starting launch on low-declivity ways
- No wash off in rain or tides
- No softening of Base Coat by Slip Coat

Properties

BASE COAT		SLIP COAT	
Penetration, Needle, 50g., 77°F:	20	Penetration, Cone, 77°F (unworked):	100 - 120
Melting Point, °F:	160	Base Oil Viscosity, SUS, 100°F:	1200
Base Oil Viscosity, SUS, 210°F:	50	Soap Type:	Calcium
Appearance:	Yellow, waxy solid	Appearance:	Yellow-tan, paste

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