

Slickcoat® Friction Reduction Pile Coating

Applied prior to installation, Slickcoat® is a friction reduction system for coating piles, drilled shafts and sheet piling that reduces friction in construction applications where negative skin friction, downdrag forces, ease of installation and extraction are a concern.



SLICKCOAT®
FRICTION REDUCTION PILE COATING



Advantages

- > Reduces peripheral anomaly activity in drilled shaft construction by creating an excellent plane between the drilled shaft casing and the cast-in-place concrete
- > Realize substantial friction reduction
- > Reduces uplift
- > Prolongs the life of piles, sheets and casings
- > Durable abrasion resistance
- > Save valuable time
- > Improved ease of installation, and an expeditious extraction process
- > Reduce maintenance costs
- > Reduce tidal friction on submerged piling

Construction Benefits

- > Highly resistant to corrosion and chemicals common to construction
- > Surfaces stay clean reducing maintenance costs
- > Water based, the environment is protected since toxins, chemicals, and harmful metals are not leached into the ecosystem as with bitumen coatings
- > Excellent bond breaking characteristics
- > Cleans up with water
- > Waterproof in a cured state
- > Stays in place even during hot weather conditions
- > Bonds to pile or casing
- > Provides excellent friction reduction between the earth and piling
- > Durable
- > Apply with convenient equipment
- > Replaces bitumen coatings which are unreliable, hazardous to work with, and difficult to maintain on the pile surface during driving, especially under high temperatures

PATENTS:

5,931,604
6,234,720 BI P
6,471,446

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