

LEYCO[®]-SLICK

The cleanest, quickest and easiest way to prime a pump

Increases pump capacity - reduces pressure in concrete pumps and pipes



A summary of the advantages

- Clean and easy preparation of the primer
- In 5 minutes the equivalent primer is ready, as opposed to lugging sacks of sand and cement
- Ready-to-use in water soluble pouches of 230g, which corresponds to the equivalent contents of a 50 kg sack
- Superior concrete pump capacity
- Minimises wear and abrasion of concrete delivery pipes
- Outstanding time saving produces enhanced transport efficiency
- The risk of “stop” and “block” is reduced to virtually nil

1-2 pouches of 230g LEYCO-SLICK



gives 18 / 36 lt. LEYCO-SLICK

instead of
Sand / Cement slurry
made of:



cement



sand

50 to 150 kg and 50 to 100 kg
+ 1/2 hour time for preparation of slurry



Preparing LEYCO-SLICK:

Stir the mixture until it is smooth and has a uniform consistency.
Follow the directions given below to prepare LEYCO-SLICK:

- Remove the outer bag and mix the 230g water-soluble inner bag with 18 litres of water in a container.
- Stir the mix with a rod for 1 minute.
- Leave the mix for at least five minutes to allow it to go off until it is smooth and oily.
- For concrete pumps with transfer tube systems: To ensure that the pumping aid is pumped through the delivery line ahead of the concrete column, pour the mix into the cleaning eye after 2-3 piston strokes and the concrete has reached the cleaning eye.

The latest cost effective method by using Leyco Slick

LEYCO-SLICK is a powder packed in water-soluble, ready-to-use, pre-weighed pouches. It is a unique compound of high performance components, which offers superlative cost reductions by saving time and protecting pumps and pipes. Leyco Slick eases concrete pressure in the pump and pipes and optimises pump capacity when using “sticky” concrete mixes.

LEYCO-SLICK is environmentally friendly, contains nothing harmful to concrete, like alkalis, chlorides or active air entraining substances, and is compatible with all accepted products in the construction and concrete industries.

Leyco Slick is most economical and environmentally safe

LEYCO-SLICK. Dose in pouch numbers

Delivery pipe diameter	Delivery pipe length (m)							
	10m	20m	30m	40m	50m	100m	150m	200m
50 mm	1	1	1	1	1	2	2	3
65 mm	1	1	1	1	1	2	2	4
75 mm	1	1	1	1	2	2	3	5
100 mm	1	1	1	2	2	3	4	6
125 mm	1	1	1	2	2	3	5	7
150 mm	1	1	2	3	3	4	7	8

Why to use LEYCO-SLICK is better than using old methods

- 1 - LEYCO-SLICK is cheaper.
- 2 - LEYCO-SLICK is a time saver.
- 3 - LEYCO-SLICK is easy to mix and use: therefore, operators will use it.
- 4 - LEYCO-SLICK is easy to store on the pump
- 5 - LEYCO-SLICK cuts maintenance costs.
- 6 - LEYCO-SLICK is consistent.

Leyco Slick is friendly to concrete

LEYCO-SLICK Test Report

LEYCO-SLICK was tested by the
Baustoffberatungszentrum Rheinland

in accordance with the test methods

DIN EN 480-1 : 1998 - 03
DIN EN 12390-2 : 2001 - 06
DIN EN 12390-3 : 2002-04

Test Report available under: www.leyde.com

Baustoffberatungszentrum - Rheinland -
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TEST REPORT
Reg. No.: 24-1205/06 cph-8120

Applicant : LEYCO Chemische Leyde GmbH
Industriestrasse 155
50999 Köln

Product tested : LEYCO-SLICK
Concrete Pump Primer

Test-method : DIN EN 480-1 : 1998 - 03
DIN EN 12390-2 : 2001 - 06
DIN EN 12390-3 : 2002 - 04

Date : June 16, 2006

Test results :

Ser. No	Materials / Concrete Mix Design	Quantity in kg/m ³	
		Control Concrete	LEYCO-Slick
1	Portland cement CEM I 32.5R	350	350
2	Aggregate (Rhine gravel and sand) 0/32 mm	1780	1780
3	Water	196	196
4	Water:Cement ratio	0.56	0.56
5	LEYCO-SLICK	-	0.076
6	Compressive strength, in N/mm ² (Mpa) 28 days (moist curing)	36.7	38.8
		38.2	37.3
		38.5	37.7
Average value		37.8	37.9

No effect on the compressive strength of the test concrete using LEYCO-Slick, and the control concrete was established

53229 Bonn, den 16.06.2006

Direktor
Dipl.-Ing. Chem. U. Schubert

Laboratory Manager
Dipl.-Ing. A. Olshewski

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How to generate profits by using LEYCO-SLICK

- 1) The concrete pump's engine will probably be running during the priming period. Diesel fuel consumption will be minimum 4-6 liters in the 25-30 minutes it takes to prime traditionally. (We all know the time and the fuel consumption -will really be more). Calculate the cost of fuel consumed and compare it to the cost of LEYCO-SLICK. Because LEYCO-SLICK can be prepared so quickly (5-10 minutes), you save more than the cost of the LEYCO-SLICK in unused fuel. This means LEYCO-SLICK doesn't cost you money, it saves you money.
- 2) A knowledgeable operator and LEYCO-SLICK is a great combination. Operators dislike pump blockages as much as you do. Once they understand how well LEYCO-SLICK works, they will insist on using it every time. Thus, the number of pump blockages will be minimized. The need for fewer expensive elbows and pipe is like money in the bank.
- 3) Pump the tough jobs. LEYCO-SLICK used as a pump aid lets you do jobs that others have failed on. When a construction manager sees that you can pump a job that others cannot, you gain a customer.
- 4) **Faster priming means less time on job and more jobs, i.e., more revenue per day.**

Leyco Slick is used with every type of concrete pumps



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