

Job Stamp

04-0120F4
SFOBB SAS

Const. Calendar Day No. 645

Project Work Day No. 855

Date 09/18/2008

Shift Hours Start 6:30 Stop 3:00

Inspector Shift 6:00 AM to 3:00 PM

ASSISTANT RESIDENT ENGINEER'S

CONTRACTOR - ABFJV

HOURS - ITEM NO.												
EQUIPMENT AND/OR LABOR:			#38 Str. Concrete, Bridge	# 48 Bar Reinforcement Steel							IDLE OR DOWN	REMARKS
Equip. #	NO. MEN	DESCRIPTION (Of Equipment or Labor)										
	e											
1	1	Gen. Foreman									8	Terry Cronk ABF Pier 7
2	1	Pile Driver	8									Tony Crieghton ABF
3	1	Pile Driver	8									George Mcneil ABF
4	1	Laborer										Jose Molina ABF
5	1	Laborer	8									Rickie Campos ABF
6	1	Pile Driver J/M	8									Audre Hudson ABF
7	1	Pile Driver/Welder	8									Henry Wheat ABF
8	1	Elevator Operator	8									Howard Schroyer ABF
9	1	Pile Driver Foreman	8									Nigel Lohse ABF
10	1	Pile Driver	8									Paul Mason ABF
11	1	Pile Driver	8									Andy Adam ABF
12	1	Pile Driver	8									Kurt Chassion ABF
13	1	Pile Driver	8									Jesse Johnasen ABF
14	1	Crane Operator	8									Jeff Scott ABF
15	1	Operator Apprentice/oiler	8									Scott Ross ABF
16	1	Pile Driver								8		Abasi Delley ABF off
17	1	Pile Driver	8									Keny Reynolds ABF
18	1	Labor	8									Joe Ruiz ABF new hire
19	1	Labor								8		Doug Evans ABF off
		Iron workers	0									Tim Greenlee etc ABF/RSC
	1	Manitower 4100 W										New crane ABF
	1	1 st Man Lift S-125										Hertz Rental
	1	Lincoln Vantage Welding M/C 768-50-4005								8		ABF
	1	Lincoln Vantage Welding M/C 768-50-4009								8		ABF
	1	Lincoln Vantage Welding M/C 768-30-4032								8		Hertz Rental
	1	Lincoln Vantage Welding M/C 768-30-4014	8									Hertz Rental, deck
	1	MQ Power Generator 220	8									ABF Main power
	1	MQ Whisper Watt 7000 549-07-5006	8									ABF deck

REC'D '08 OCT-06 #006893

091808

Rugasol-S®

Surface Retardant

Description	Rugasol-S is a spray applied, water soluble liquid, formulated to retard the set of surface mortar in concrete to enable the aggregate to be exposed. Rugasol-S is green in color to allow easy identification of areas where it has been applied and ensure a uniform coating is obtained.
Applications	Rugasol-S may be used to obtain an architectural finish on concrete slabs by exposing the natural color and texture of the aggregates. The rough finish obtained from this method may be used as a mechanical key for the subsequent lifting or rendering of the concrete.
Advantages	<ul style="list-style-type: none"> ■ Architectural quality appearance with original color and texture of the aggregate without sandblasting. ■ Easy, economical removal of the concrete surface without laborious hacking, chipping or blasting required. ■ No danger of acid residue from strong washing compounds. ■ Easy to apply, less supervision of field personnel, no expensive equipment required. ■ Uniform coverage results in uniform aggregate exposure.

How to Use

Applications

Apply Rugasol-S with a low pressure spray immediately after screeding when concrete has lost its sheen.

All finishing work must be completed prior to the application of Rugasol-S. Any mechanical floating or finishing after application will produce excessive and irregular depths of retardation. Cover with wet burlap or plastic sheet to prevent surface from drying out.

Architectural finish: For an architectural finish, seed surface with additional aggregate and float it to the surface before applying Rugasol-S.

Exposing Aggregate: Within 12 to 14 hours after application, use a low pressure garden hose and stiff broom to remove the retarded surface mortar. Do not use excessive force in removal since this may undermine the exposed aggregate profile.

Effect of high temperatures: Accelerating admixtures, heated concrete, steam curing, and hot weather all reduce the effectiveness and dependability of Rugasol-S.

Compatibility with other admixtures

Rugasol-S is compatible with all admixtures in the Sika product range. Sika recommends when other products are used, that field trials be carried out. Contact your local Sika representative for more information and assistance.



Cleaning

Any Rugasol-S remaining on the dried formwork can easily be removed by scrubbing with water and a wire brush. Any material that has not been in contact with the concrete should be neutralized with cement slurry or soda solution before removal. Form work to be reused must be cleaned thoroughly.

Packaging	Rugasol-S is available in 5 gallon (18.9 liter) pails and 55 gallon (208 liter) drums.
Storage and Shelf Life	Rugasol-S should be stored at above 40° F (5° C) thoroughly to return to normal state before use. Shelf life in original, unopened container is 2 years, when stored in dry warehouse conditions between 50° F and 80° F (10° C - 27° C).
Typical Data	
Appearance	Bright Green liquid.
Specific Gravity	Approx. 1.1
Caution	May cause slight skin/eye/respiratory irritation. Avoid breathing vapors. Use with adequate ventilation. Avoid skin and eye contact. Safety goggles and rubber gloves is recommended.
Handling and Storage	Avoid direct contact. Wear personal protective equipment (chemical resistant goggles/gloves/clothing) to prevent direct contact with skin and eyes. Use only in well ventilated areas. Wash thoroughly with soap and water after use. Remove contaminated clothing and laundry before reuse.
First Aid	Eyes: Hold eyelids apart and flush thoroughly with water for 15 minutes. Skin: Remove contaminated clothing. Wash skin thoroughly for 15 minutes with soap and water. Inhalation: Remove person to fresh air. Ingestion: Do not induce vomiting. Dilute with water. Contact a physician. In all cases, contact a physician immediately if symptoms persist.
Clean Up	Use personal protective equipment (chemical resistant goggles/gloves/clothing). Without direct contact, remove spilled or excess product and place in suitable sealed container. Dispose of excess product and container in accordance with applicable environmental regulations.

KEEP CONTAINER TIGHTLY CLOSED • KEEP OUT OF REACH OF CHILDREN • NOT FOR INTERNAL CONSUMPTION • FOR INDUSTRIAL USE ONLY

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Quality Certification Numbers: Lyndhurst: FM 69711 (ISO 9000), FM 70421 (QS 9000), Marion: FM 69715, Kansas City: FM 69107, Santa Fe Springs: FM 69408

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