



SCMS 1263 MT Washington Rd

SCES 1265 MT Washington Rd
 Taylorsville KY 40071



MIDDLE SCHOOL Front



MIDDLE SCHOOL Rear



ACCESS ROAD



Elementary School Front

Buzzard Roost Paving Inc.

1362 Buzzard Roost Road
Shelbyville, KY 40065

Wes Garrett
824-5153
220-0975 cell

Estimate

Date	Estimate #
8/21/2013	11958

Name / Address
Spencer County Public Schools

Project

Description	Qty	Cost	Total
Seal Coat Parking Lot at the Elementary School at 1265 Mt Washington Road	8,710	0.65	5,661.50
Stripping Parking Lot Red Stripe	2,500	0.30	750.00
This estimate is for the front teacher parking lot at the elementary school. Includes sealing and re stripe the parking area.			
Thank you , Wes		Total	\$6,411.50

Customer Signature _____

Buzzard Roost Paving Inc.

1362 Buzzard Roost Road
Shelbyville, KY 40065

Estimate

Date	Estimate #
8/21/2013	11957

Name / Address
Spencer County Public Schools

			Project
Description	Qty	Cost	Total
Access Road (green) Seal Coat	2,000	0.65	1,300.00
This estimate is for the access road leading to the middle school teacher parking lot. Green on the map provided.			
Thank you , Wes		Total	\$1,300.00

Customer Signature _____

Buzzard Roost Paving Inc.

1362 Buzzard Roost Road
Shelbyville, KY 40065

Estimate

Date	Estimate #
8/21/2013	11956

Name / Address
Spencer County Public Schools

			Project
Description	Qty	Cost	Total
Middle School rear parking lot (purple)Seal Coat Parking Lot	7,764	0.65044	5,050.00
Stripping Parking Lot	1,800	0.30	540.00
This estimate is for the rear teacher parking area at middle school. Purple Lot on map given. estimate is for sealing and re stripe parking lot and driveways.			
Thank you , Wes		Total	\$5,590.00

Customer Signature _____

Buzzard Roost Paving Inc.

1362 Buzzard Roost Road
Shelbyville, KY 40065

Estimate

Date	Estimate #
8/21/2013	11955

Name / Address
Spencer County Public Schools

			Project
Description	Qty	Cost	Total
Middle School Front (Blue)Seal Coat Parking Lot	11,530	0.65	7,494.50
Stripping Parking Lot	3,200	0.30	960.00
This estimate is for the front bus lot of the middle school at 1263 Mt Washington road. Includes sealcoating and re stripe the lot shaded in blue on the map given.			
<i>includes cafe parking</i>			
Thank you , Wes		Total	\$8,454.50

Customer Signature _____

PROPOSAL SUBMITTED TO

PHONE

DATE

Spencer County Board of Education

477-3250

August 27, 2013

STREET

JOB NAME

207 West Main Street

Parking Lot Improvements

CITY - STATE - ZIP

JOB LOCATION

Taylorsville, KY 40071

ATTN

DATE OF PLANS

Jim Oliver

477-3267

JOB PHONE

LOT	CRACKS	CRACKFILL	SEALCOAT	STRIPING	TOTAL
(see attached map)	L.F.	PRICE	PRICE.	PRICE	PRICE
BUS LOT	2,200	\$ 1,100.00	\$ 6,000.00	\$ 850.00	\$ 7,950.00
MIDDLE SCHOOL	2,450	\$ 1,225.00	\$ 5,500.00	\$ 950.00	\$ 7,675.00
REAR ROADWAY	400	\$ 200.00	\$ 2,150.00	\$ 125.00	\$ 2,475.00
ELEMENTARY LOT	1,550	\$ 750.00	\$ 4,350.00	\$ 750.00	\$ 5,850.00
TOTAL	6,600	\$ 3,275.00	\$18,000.00	\$2,675.00	\$23,950.00

- A. Crackfilling to include cleaning and filling of all pavement cracks greater than 1/8" in width with hot-poured elastomeric rubber sealant.
- B. Sealcoating shall consist of cleaning pavement, trimming grass from edges, priming of oil spots with TARLOC penetrating primer and sealing parking lots and entrance driveways with two coats of Brewer Cote pavement sealer containing three pounds of silica sand per gallon of material applied and fortified with 3% TARMAX rubber additive for superior durability.
- C. Restriping includes parking lots and entrance drives per existing layout and color including repainting all existing miscellaneous pavement markings and handicap emblems.

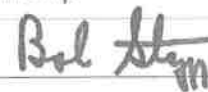
Special Conditions:

One-year warranty on materials and workmanship

Payment Terms:

Upon completion

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance.

Authorized
Signature


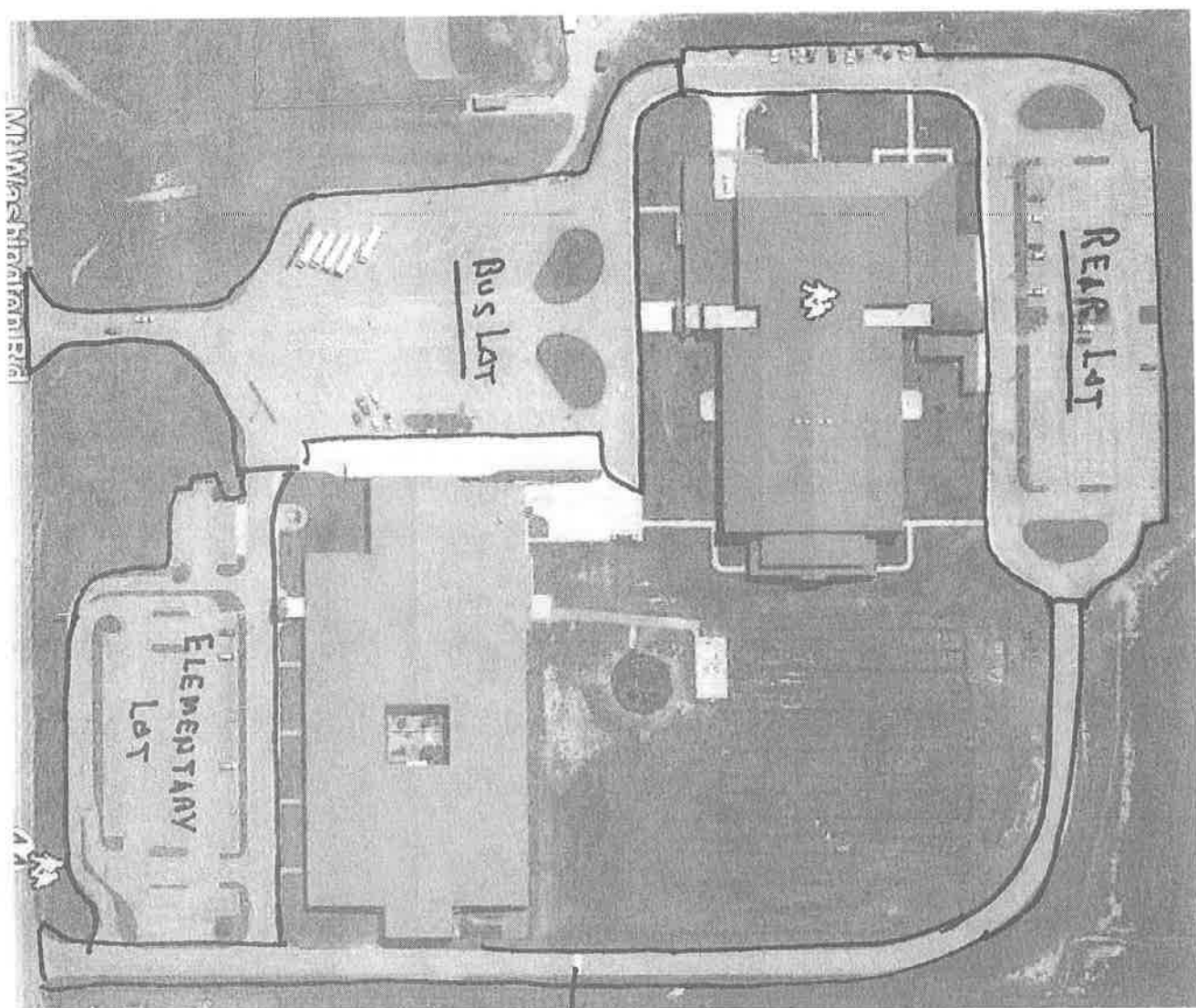
Note: This proposal may be withdrawn by us if not accepted within 30 days.

Acceptance of Proposal — The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. payment will be made as outlined above.

Signature _____

Date of Acceptance: _____

Signature _____



Map of School Property



Proposal

www.louisvillesealcoat.com

Submit Proposal To:

Jim Oliver
Spencer County Elementary
1265 Mt. Washington Rd
Taylorsville, KY 40071

Customer #: 1632
Estimate #: 3798
Date: 8/15/2013
Salesperson: Brad Long
Phone: 502-477-3267
Alternate Phone:
Fax:
Email Address: jim.oliver@spencer.kyschools.com

Job Name / Location: Access Road (GREEN COLOR)
1265 Mt. Washington Rd.
Taylorsville, KY

We hereby submit specifications and estimates for:

1	Seal pavement cracks according to specifications below.		\$100.00
	200 LF	Apply hot pour crackseal to cracks 1/4" in width or greater using the CrackMaster™ system (CrackMaster™ brochure enclosed).	
2	Sealcoat asphalt pavement according to specifications below.		\$1,715.00
	2381 SY	Clean parking area using airbrooms, prime oil and gas stains using Prep Seal™ Oil Spot Primer, and apply two (2) coats of Neyra® Tarconite® coal tar emulsion pavement sealer containing four (4) pounds of clean silica sand per gallon of material.	2 coats spray
		OPTION: 1st coat squeegee/2nd coat spray. ADD \$595.00	Option
3	Restripe parking area according to existing layout and specifications below.		\$75.00
	1 Each	"STOP" stencil with stop bar	White
	4 Each	Directional arrow	

We propose hereby to furnish material and labor - complete in accordance with above specifications, for the sum of: **\$1,890.00**

The above pricing is based on sealcoating being completed within [1] trip(s) and striping completed within [1] trip(s).

*** Any additional trips made, not the fault of Louisville Sealcoat Co., will incur a \$600.00 charge per trip ***

Property owners are responsible for clearing the worksite of all vehicles. Property owners will be charged \$50 for each vehicle that Louisville Sealcoat Co. must arrange to be towed.

Terms

Net 10 days; 2% late charge monthly.

Authorized Signature

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workman's Compensation Insurance.

Signature:

Note: This proposal may be withdrawn by us if not accepted within 30 days.

Acceptance of Proposal

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined in "Terms".

Signature:

Date:

Serving
Kentuckiana
Since
1982

Phone (502) 451-5936

Louisville Sealcoat Co.
P.O. Box 35443
Louisville, KY 40232-5443

Fax (502) 459-1145



Proposal

www.louisvillealcoat.com

Submit Proposal To:

Jim Oliver
Spencer County Elementary
1265 Mt. Washington Rd
Taylorsville, KY 40071

Customer #: 1632
Estimate #: 3797
Date: 8/15/2013
Salesperson: Brad Long
Phone: 502-477-3267
Alternate Phone:
Fax:
Email Address: jim.oliver@spencer.kyschools.com

Job Name / Location: Middle School Rear (PINK COLOR)
1265 Mt. Washington Rd.
Taylorsville, KY

We hereby submit specifications and estimates for:

1	Seal pavement cracks according to specifications below.			\$1,125.00
	2250 LF	Apply hot pour crackseal to cracks 1/4" in width or greater using the CrackMaster™ system (CrackMaster™ brochure enclosed).	Single cracks	
2	Sealcoat asphalt pavement according to specifications below.			\$6,350.00
	8821 SY	Clean parking area using airbrooms, prime oil and gas stains using Prep Seal™ Oil Spot Primer, and apply two (2) coats of Neyra® Tarconite® coal tar emulsion pavement sealer containing four (4) pounds of clean silica sand per gallon of material.	2 coats spray	
		OPTION: 1st coat squeegee/2nd coat spray. ADD \$2,205.00	Option	
3	Restripe parking area according to existing layout and specifications below.			\$1,150.00
	3720 LF	4" wide lines	White	
	9 Each	Directional arrow		
	1 Each	"NO PARKING" stencil		
	1 Each	Crosswalk [Cross-hashed area]		
	6 Each	Handicap parking stencil with blue background and COLOR stalls		

We propose hereby to furnish material and labor - complete in accordance with above specifications, for the sum of: **\$8,625.00**

The above pricing is based on sealcoating being completed within [1] trip(s) and striping completed within [1] trip(s).

*** Any additional trips made, not the fault of Louisville Sealcoat Co., will incur a \$600.00 charge per trip ***

Property owners are responsible for clearing the worksite of all vehicles. Property owners will be charged \$50 for each vehicle that Louisville Sealcoat Co. must arrange to be towed.



Terms

Net 10 days; 2% late charge monthly.

Authorized Signature

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tomado and other necessary insurance. Our workers are fully covered by Workman's Compensation Insurance.

Signature:

Note: This proposal may be withdrawn by us if not accepted within 30 days.

Acceptance of Proposal

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined in "Terms".

Signature:

Date:

Phone (502) 451-5936

Louisville Sealcoat Co.
P.O. Box 35443
Louisville, KY 40232-5443

Fax (502) 459-1145



Proposal

www.louisvillesealcoat.com

Submit Proposal To:

Jim Oliver
Spencer County Elementary
1265 Mt. Washington Rd
Taylorsville, KY 40071

Customer #: 1632
Estimate #: 3784
Date: 8/15/2013
Salesperson: Brad Long
Phone: 502-477-3267
Alternate Phone:
Fax:
Email Address: jim.oliver@spencer.kyschools.us

Job Name / Location: Middle School Front (BLUE COLOR)
1265 Mt. Washington Rd
Taylorsville, KY 40071

We hereby submit specifications and estimates for:

1	Seal pavement cracks according to specifications below.		\$1,500.00
	3000 LF	Apply hot pour crackseal to cracks 1/4" in width or greater using the CrackMaster™ system (CrackMaster™ brochure enclosed).	Single cracks
2	Sealcoat asphalt pavement according to specifications below.		\$7,490.00
	10418 SY	Clean parking area using airbrooms, prime oil and gas stains using Prep Seal™ Oil Spot Primer, and apply two (2) coats of Neyra® Tarconite® coal tar emulsion pavement sealer containing four (4) pounds of clean silica sand per gallon of material.	2 coats spray
		OPTION: 1st coat squeegee/2nd coat spray. ADD \$2,600.00	Option
3	Restripe parking area according to existing layout and specifications below.		\$950.00
	3650 LF	4" wide lines	White

We propose hereby to furnish material and labor - complete in accordance with above specifications, for the sum of: **\$9,940.00**

The above pricing is based on sealcoating being completed within [1] trip(s) and striping completed within [1] trip(s).

*** Any additional trips made, not the fault of Louisville Sealcoat Co., will incur a \$600.00 charge per trip ***

Property owners are responsible for clearing the worksite of all vehicles. Property owners will be charged \$50 for each vehicle that Louisville Sealcoat Co. must arrange to be towed.



Terms

Net 10 days; 2% late charge monthly.

Authorized Signature

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workman's Compensation Insurance.

Signature: 

Note: This proposal may be withdrawn by us if not accepted within 30 days.

Acceptance of Proposal

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined in "Terms".

Signature: _____

Date: _____

Phone (502) 451-5936

Louisville Sealcoat Co.
P.O. Box 35443
Louisville, KY 40232-5443

Fax (502) 459-1145



Proposal

www.louisvillealcoat.com

Submit Proposal To:

Jim Oliver
Spencer County Elementary
1265 Mt. Washington Rd
Taylorsville, KY 40071

Customer #: 1632
Estimate #: 3799
Date: 8/15/2013
Salesperson: Brad Long

Phone: 502-477-3267
Alternate Phone:
Fax:
Email Address: jim.oliver@spencer.kyschools.com

Job Name / Location: Elementary School Front (RED COLOR)
1265 Mt. Washington Rd.
Taylorsville, KY

We hereby submit specifications and estimates for:

1	Seal pavement cracks according to specifications below.		\$800.00
	1600 LF	Apply hot pour crackseal to cracks 1/4" in width or greater using the CrackMaster™ system (CrackMaster™ brochure enclosed).	
2	Sealcoat asphalt pavement according to specifications below.		\$5,390.00
	7491 SY	Clean parking area using airbrooms, prime oil and gas stains using Prep Seal™ Oil Spot Primer, and apply two (2) coats of Neyra® Tarconite® coal tar emulsion pavement sealer containing four (4) pounds of clean silica sand per gallon of material.	2 coats spray
		OPTION: 1st coat squeegee/2nd coat spray. ADD \$1,890.00	Option
3	Restripe parking area according to existing layout and specifications below.		\$930.00
	2160 LF	4" wide lines	White
	6 Each	Handicap parking stencil with blue background and COLOR stalls	
	22 Each	Directional arrow	
	1 Each	"STOP" stencil with stop bar	
	3 Each	Crosswalk [Cross-hashed area]	

We propose hereby to furnish material and labor - complete in accordance with above specifications, for the sum of: **\$7,120.00**

The above pricing is based on sealcoating being completed within [1] trip(s) and striping completed within [1] trip(s).

*** Any additional trips made, not the fault of Louisville Sealcoat Co., will incur a \$600.00 charge per trip ***

Property owners are responsible for clearing the worksite of all vehicles. Property owners will be charged \$50 for each vehicle that Louisville Sealcoat Co. must arrange to be towed.

Terms

Net 10 days; 2% late charge monthly.

Authorized Signature

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Signature:

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Acceptance of Proposal

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Signature:

Date:

Serving
Kentuckiana
Since
1982

Phone (502) 451-5936

Louisville Sealcoat Co.
P.O. Box 35443
Louisville, KY 40232-5443

Fax (502) 459-1145

Products

Property Owner

Why Neyra

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NEYRA

TARCONITE®

Top Performing Pavement Sealer for more than 30 years

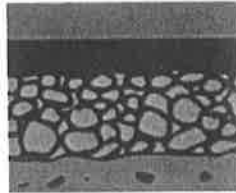
Sealcoat

Tarconite Technical Information

For more than 30 years, thousands of businesses and individuals have made Tarconite Sealer their first line of defense to protect the longevity and beauty of millions of acres of asphalt pavement. Locking out spills and protecting against the elements, Tarconite delivers a rich, smooth, black finish that's unparalleled in the marketplace, year after year. When appearance and protection are foremost in your mind, invest in Tarconite.

Why Use Tarconite?

- Shields against the drying action of the sun and ultraviolet rays.
- Prevents water penetration.
- Resists damage caused by gasoline and oil.
- Bonds firmly to the surface to provide an even-textured, durable barrier.
- Restores that rich, black look of new pavement



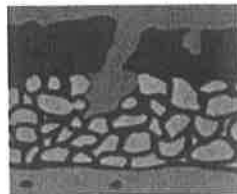
Benefits of Tarconite

- Tarconite meets and exceeds rigorous FAA requirements for airport pavements.
- Tarconite protects for pennies a square foot, preventing costly repairs.
- Tarconite provides up to 50% greater wear than non-fortified sealers, making it ideal for high-traffic areas.



Why Asphalt Pavements Deteriorate?

- Sunlight, moisture and gasoline leave surface gray, open and porous.
- Moisture is allowed to penetrate. Hydraulic pressure and freeze-thaw increases the size of the cracks.
- Aggregate washes away and cracks grow larger.
- Pavement begins to fail.



TARCONITE®
Dynaflex
Sports Surfacing

Jennite

PaveShield

SunShield

Technical Info Contact Us Terms of Service





RAE Products & Chemicals Corporation

Paint

PRODUCT DATA SHEET

9510 WHITE FAST DRY SUPREME TRAFFIC MARKING PAINT

100% Acrylic Latex (water-base)

Product Description				Recommended Uses	
<p>9510 WHITE F/D LATEX SUPREME TRAFFIC MARKING PAINT is 100% latex acrylic (waterborne), designed for fast drying and quick turn around time. This is the best product to use for night striping and under adverse conditions.</p> <ul style="list-style-type: none"> Meets Federal Specification TT-P-1952E type II Formulated for Brush, Spray, or Roller Fastest Dry Time for Quick Turn Around. 				<p>This product has been designed for painting centerlines, edgelines, runway markings, running tracks, medians, parking lots, etc.</p> <p>Use on concrete, asphalt, and brick. Exterior and Interior. This latex marking paint is considered to be the best product for use over freshly applied sealcoat or asphalt.</p> <p><i>Note: Not recommended for "high-traffic" areas like crosswalks or stop bars.</i></p>	
Performance Characteristics				Product Characteristics	
Meets TT-P-1952E type II Federal Specification					
Test Description	Test Method	Requirements	Results		
Color (white)	Fed. Std. 595 #37925	6 CIE Lab	Pass	Vehicle Type: Acrylic Latex Polymer	
Reflectance	ASTM E1347	87%	Pass	Viscosity: 80 to 90 Ku	
Fineness of Grind	ASTM D1210	3 Hegman min.	Pass	Total Solids: 77.0% minimum	
Dry Time No-Pick-Up	ASTM D711	10 minutes max.	Pass	Volume Solids: 61.8% minimum	
Dry Through Early Washout	ASTM D1640	<120 minutes	Pass	Density (Weight per Gallon): 14.03 ± 0.2 lbs/gal	
Flexibility	TT-P-1952E	Pass	Pass	VOC (minus water): 76.27 g/liter 0.63 lb./gal.	
Freeze-Thaw Resistance	TT-P-1952E	3 cycles	Pass	Dry time: No-Pick-Up: 5 – 10 minutes (No-Pick Up @140°F): 60 seconds Dry Through: 10 – 15 minutes	
Accelerated Package Stability	TT-P-1952E	<5 Ku change	Pass	<i>(Note: Applied film thickness, relative humidity and temperature will affect dry time)</i>	
Water Resistance	TT-P-1952E	Pass	Pass	Shelf Life: 12 months if unopened and stored in a cool area.	
Bleeding Ratio	ASTM D969	0.95 min	Pass	This product does not contain mercury, lead, hexavalent chromium, toluene, chlorinated solvents, hydrolysable chlorine derivatives, or carcinogens as defined in 29 CFR 1910.1200.	
Scrub Resistance	ASTM D2486	500 cycles	Pass		
Dry Opacity	ASTM D2805	0.92 minimum	Pass		
Abrasion Resistance	ASTM D968	150 liters minimum	Pass		
<p><i>Note: These results in Performance & Product Characteristics represent actual control values when tested under laboratory conditions. To the best of our knowledge, the above technical data is true and accurate at the date of issuance but is subject to change without prior notice.</i></p>					
<p>The following supersedes any provision contained in the forms, letters and papers of your company. This product is designed and intended for professional application only. All products should be thoroughly tested under application conditions prior to use. The information contained herein is believed to be reliable. HOWEVER, RAE PRODUCTS & CHEMICALS CORPORATION MAKES NO WARRANTY CONCERNING THIS PRODUCT, WHETHER EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. UNDER NO CIRCUMSTANCES SHALL RAE PRODUCTS & CHEMICALS CORP. BE LIABLE FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR ANY OTHER DAMAGES FROM ALLEGED NEGLIGENCE, BREACH OF WARRANTY, STRICT LIABILITY, OR ANY OTHER LEGAL THEORY, ARISING OUT OF THE USE OR HANDLING OF THIS PRODUCT. THE SOLE REMEDY OF THE BUYER AND THE SOLE LIABILITY OF RAE PRODUCTS & CHEMICALS CORP. FOR ANY CLAIMS SHALL BE LIMITED TO THE BUYER'S PURCHASE PRICE OF THE PRODUCT WHICH IS THE SUBJECT OF THE CLAIM OR THE AMOUNT ACTUALLY PAID FOR SUCH PRODUCT, WHICHEVER IS LESS. TECHNICAL ADVICE FURNISHED BY RAE PRODUCTS & CHEMICALS CORP. SHALL NOT CONSTITUTE AN EXPRESS WARRANTY, WHICH IS EXPRESSLY DISCLAIMED. ALL TECHNICAL ADVICE GIVEN IS ACCEPTED AT THE RISK OF THE BUYER.</p> <p>CAUTION: DANGER! FLAMMABLE! VAPORS MAY CAUSE FLASH FIRE. VAPOR HARMFUL. HARMFUL OR FATAL IF SWALLOWED. INJURIOUS TO EYES. KEEP OUT OF THE REACH OF CHILDREN! BEFORE using this product it is essential that the "Material Safety Data Sheet" describing the product as well as the "Product Label" be reviewed. If your company does not have such information or has any questions, contact RAE Products at 1-708-396-1984 or refer to data at www.raeproducts.net</p>					



RAE Products & Chemicals Corporation

11638 South Mayfield Avenue • Alsip, Illinois 60803

(708) 396-1984 • FAX (708) 396-2332

www.raeproducts.net

REVISION DATE: 02/12/2012





RAE Products & Chemicals Corporation

PRODUCT DATA SHEET

9510 WHITE FAST DRY SUPREME TRAFFIC MARKING PAINT

100% Acrylic Latex (water-base)

Preparation	Application
<p>The surface to be painted must be dry, free of grease and oil and brushed free of loose dirt. Striping paints will not adhere to unclean surfaces. Application equipment must be clean from all previous paint(s).</p>	<p>Mix paint thoroughly before using. Surfaces should be clean and free from dirt and debris. Newly sealed or asphalted surfaces should be allowed to cure before application. Paint only in dry weather with no forecast for rain. May be applied by a spray machine, roller or brush.</p>
Thinning	<p>Application Rates: Apply at 15 mils. wet , 7.5 mils dry Coverage: Approx. 320 linear ft. of 4" line applied @ 15 MILS - 16-20 gallons will stripe a 4-inch line one mile.</p> <p>Glass beads can be broadcast or mixed into paint at a rate of 4 - 6 pounds of beads per gallon. If spraying, do not mix beads directly into paint.</p>
Drying Times	Application Conditions
<p>Dry times are dependent upon weather conditions. The warmer the temperature, the faster the paint will cure. Direct sunlight will speed up dry times. For this product, a basic drying schedule is:</p> <p>10 min. (walk on) - 20 min. (drive on)</p> <p><i>Note: changes in weather conditions (ie. temp. dropping after application, cold surface temp.) can delay above cure times drastically.</i></p>	<p>Recommended application conditions: Apply between 40°F minimum and 90 °F and at least 5 °F above dew point with a relative humidity below 85%. Apply at surface and ambient temperatures of 50°F and above. Temperatures should remain above 50°F for a 24 hour period.</p>
Safety Precautions	Application Equipment
<p>Always refer to the MSDS for Handling and Hazard conditions. Keep away from open flame. Avoid prolonged or repeated contact with skin. Avoid breathing of vapors or spray mist. Do not take internally. Close container after each use. Wear respirator, eye protection and protective clothing when handling.</p>	<p>Spray Equipment: The use of stainless steel spray equipment is strongly encouraged, due to the fact that an alkaline paint will "surface shock" when exposed to mild metals. Only stainless steel or plastic spray equipment should be used. Straining the paint when using spray equipment is ALWAYS recommended.</p> <p>Airless Sprayers: Use pressure between 1500-2000 psi - with tip size between .019" - 0.21" (note: use the lowest pressure necessary to achieve a flat edge-line)</p> <p>Brush: Use Nylon/Polyester Bristle</p> <p>Roller: Use 1/2"-3/4" Shed-resistant cover with phenolic core</p>
<div>   </div> <p>The following supersedes any provision contained in the forms, letters and papers of your company. This product is designed and intended for professional application only. All products should be thoroughly tested under application conditions prior to use. The information contained herein is believed to be reliable. HOWEVER, RAE PRODUCTS & CHEMICALS CORPORATION MAKES NO WARRANTY CONCERNING THIS PRODUCT, WHETHER EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. UNDER NO CIRCUMSTANCES SHALL RAE PRODUCTS & CHEMICALS CORP. BE LIABLE FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR ANY OTHER DAMAGES FROM ALLEGED NEGLIGENCE, BREACH OF WARRANTY, STRICT LIABILITY, OR ANY OTHER LEGAL THEORY, ARISING OUT OF THE USE OR HANDLING OF THIS PRODUCT. THE SOLE REMEDY OF THE BUYER AND THE SOLE LIABILITY OF RAE PRODUCTS & CHEMICALS CORP. FOR ANY CLAIMS SHALL BE LIMITED TO THE BUYER'S PURCHASE PRICE OF THE PRODUCT WHICH IS THE SUBJECT OF THE CLAIM OR THE AMOUNT ACTUALLY PAID FOR SUCH PRODUCT, WHICHEVER IS LESS. TECHNICAL ADVICE FURNISHED BY RAE PRODUCTS & CHEMICALS CORP. SHALL NOT CONSTITUTE AN EXPRESS WARRANTY, WHICH IS EXPRESSLY DISCLAIMED. ALL TECHNICAL ADVICE GIVEN IS ACCEPTED AT THE RISK OF THE BUYER.</p> <p>CAUTION: DANGER! FLAMMABLE! VAPORS MAY CAUSE FLASH FIRE. VAPOR HARMFUL. HARMFUL OR FATAL IF SWALLOWED. INJURIOUS TO EYES. KEEP OUT OF THE REACH OF CHILDREN! BEFORE using this product it is essential that the "Material Safety Data Sheet" describing the product as well as the "Product Label" be reviewed. If your company does not have such information or has any questions, contact RAE Products at 1-708-396-1984 or refer to data at www.raeproducts.net</p>	



RAE Products & Chemicals Corporation

11638 South Mayfield Avenue • Alsip, Illinois 60803

(708) 396-1984 • FAX (708) 396-2332

www.raeproducts.net



PRODUCT BULLETIN

ELASTO-BOND H.S.

PREMIUM QUALITY- DIRECT FIRE GRADE

Polymer and Rubber Modified Hot Pour Crack Filler

Crack Seal

GENERAL DESCRIPTION

ELASTO-BOND H.S. is a specialty grade, premium quality, hot applied joint and crack sealing compound, especially suited for direct fired heat kettles. It is heat stabilized to withstand temperatures up to 450 F, without degradation. Conventional sealants require melting in oil jacketed heating kettles, which are more expensive than direct fire kettles and also slower in melting.

The polymer / rubber modification makes ELASTO-BOND H.S. harder and more resistant to softening under hot pavement conditions (no pick up or tracking). These properties make ELASTO-BOND H.S. well suited for parking lots. It sets up fast, therefore, does not require sanding.

OUTSTANDING FEATURE

- High Performance-Polymer and Rubber modified,
- Heat Stabilized Formula for direct fired kettles,
- Resistant to pick up and tracking under hot pavement conditions,
- Superior flexibility in cold temperatures,
- Rapid Melting and Fast Leveling,
- Low Penetration characteristics.

RECOMMENDED USES

ELASTO-BOND.H.S. is recommended for sealing all types of joints and cracks in;

- Asphalt and concrete pavements,
- Longitudinal, Transverse and Random cracks,
- Joints between asphalt and concrete.

PROPERTIES & SPECIFICATIONS

Recommended application Temperature	350-450 F	Softening Point	185 F, Min.
Pour Temperature Range	280-450 F	Penetration @ 150 gr-5 sec.	40
Maximum Heating temperature	450 F	Resiliency, %	60
Bend Test @) F -1" Mandrel	Pass	Specific gravity	1.02
Asphalt Compatibility	OK		

COVERAGE RATES

Width	Depth	Lb./ 100 lineal Feet.
3/8"	3/8"	6.2
3/8"	1/2"	8.3
1/2"	1/2"	11.1
1/2"	1"	22.2
3/4"	1/2"	16.6
3/4"	3/4"	25.0

APPLICATION

- 1. Joint Preparation:** To insure optimum performance all cracks shall be prepared properly. Crack must be free of moisture, dirt, debris, loose aggregates, oils or other contaminants. Sawing, routing and or sandblasting are preferred methods for joint preparation. Use oil free compressed air. Immediately, prior to application, best results are obtained by hot air drying of the joint. The joints must be opened at least 1/2" wide. Sealant depth to width ratio shall not exceed 2/1.
- 2. Temperatures:** The surface and ambient temperatures must be more than 40° F.
- 3. Material Preparation:** ELASTO-BOND H.S. may be melted in direct fired kettles or oil jacketed kettles. Carefully insert the block of crack filler (do not remove the plastic wrapping) into the melting equipment, with agitator not running. Load material slowly to avoid splash. After the initial load has reached the pouring temperature, fresh material may be added to the melter as sealant is used. Melt only enough material that will be used during the day. At the end of each crack filling operation, purge all the lines back into the kettle. The material may be reheated, as needed.
- 4. Application Equipment:** Pressure feed wand system or pour pots.

PRECAUTIONS

Observe all safety precautions
Consult Material Safety Data Sheet for details

PACKAGING

2x25 lb. Cardboard boxes.

KEEP OUT OF REACH OF CHILDREN

SHIPPING POINT

Columbus, OHIO.

Warranty and Disclaimer- These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantees, as conditions and method of use are beyond our control. S.T.A.R, INC. will not be responsible for any indirect or consequential damages. We will either replace the product or refund the purchase price in the event the products are proven to be defective, at our option.



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