

Administration Offices  
3115 Pole Line Road  
Pocatello, Idaho 83201

**Addendum No. 1**

March 1, 2024

RE: 2024 Reinforced Roofing Projects at Various Site Locations

FROM: Business Services  
(208) 235-3270

This Addendum becomes a part of the Contract Documents and modifies the original Bidding Specifications, as noted below. This addendum consists of one (1) page plus attachments. Total twelve (12) pages. Acknowledge Addendum on the updated Bid Proposal. Failure to acknowledge Addendum(s) may subject the bidder to disqualification.

1. Correction of specification to include:

All Projects

The new bid opening date will be **March 13, 2024** at 10:00 AM.

2. Changes of specification to include:

Project No. 2 Highland High School

**Section 1.02 RELATED SECTIONS**

D. Section 08 62 00 – Unit Skylights

Replace section of the roof as needed to include replacement of skylight indicated on the map.

3. Changes of specification to include:

All Projects

**Section 1.04 SUBMITTALS**

A. Product Data:

2. FM Global Standard is approved.

4. Changes of specification to include:

All Projects

**Section 1.07 WARRANTY**

B. Warranty: An alternate 30 year warranty may be bid. See attached product data sheets.

NO OTHER CHANGES

END OF ADDENDUM No.1 – March 1, 2024, js

## PRODUCT DATA SHEET

# Sikaplan® Fastened-60 Feltback EnergySmart

60 mil thick PVC thermoplastic membrane with felt backing

### PRODUCT DESCRIPTION

Sikaplan® Fastened-60 Feltback EnergySmart EnergySmart Roof Membrane is a PVC thermoplastic membrane produced with a polyester scrim reinforcement and a 9 oz. or 3 oz. recycled felt backing. Sikaplan Fastened-60 Feltback EnergySmart utilizes the Pro-Weld™ visual indicator to provide real-time feedback that the proper seam welding temperature and speed settings are being used during installation.

### USES

Mechanically attached using various attachment components over approved substrates. Sikaplan Fastened-60 Feltback EnergySmart with 9 oz. felt backing can also be used in adhered applications to approved substrate.

### AREAS OF APPLICATION

- In-seam disc systems
- In-seam batten, double-weld systems
- Adhered systems
- New construction and reroofing

### CHARACTERISTICS / ADVANTAGES



- Highly reflective
- Excellent tear strength resistance
- Factory applied lacquer coating to reduce dirt pick up
- Hot-air welded seams for long-term performance
- Cost effective option for single-ply recovers (3 oz.)
- Felt backing eliminates the need to install a coverboard (3 oz.)
- Pro-Weld visual welding temperature indicator<sup>1</sup>

<sup>1</sup> White membrane only

### APPROVALS / STANDARDS

- FM Global
- Underwriters Laboratories
- Underwriters Laboratories of Canada
- ICC Code Compliance – ESR 1157
- Miami-Dade County
- Florida Building Code
- California Title 24
- LEED/Green Globes

## PRODUCT INFORMATION

<b>Chemical Base</b>	Thermoplastic PVC membrane containing ultraviolet light stabilizers, flame retardant and polyester scrim reinforcement with a unique lacquer coating on the top surface.
<b>Recycled Content</b>	9% Pre-consumer, 1% Post-consumer
<b>Reinforcing Material</b>	Polyester
<b>Packaging</b>	<b>60 mil (1.5 mm) Membrane 3oz. Feltback:</b> 10 ft x 100 ft (3 m x 30 m) feltback roll, 371 lbs (168 kg) per roll, 9 rolls per pallet  <b>60 mil (1.5 mm) Membrane 9oz. Feltback:</b> 10 ft x 100 ft (3 m x 30 m) feltback roll, 388 lbs (176 kg) per roll, 9 rolls per pallet
<b>Shelf Life</b>	N/A
<b>Storage Conditions</b>	Store rolls on pallets and fully protected from the weather with clean canvas tarpaulins. Unvented polyethylene tarpaulins are not accepted due to the accumulation of moisture beneath the tarpaulin in certain weather conditions that may affect the ease of membrane weldability. Refer to Technical Bulletin 24-02 for additional storage information for rolls utilizing the Pro-Weld visual welding temperature indicator.
<b>Appearance / Color</b>	<ul style="list-style-type: none"><li>▪ Top: White<sup>1</sup>, Reflective Gray<sup>2</sup>, or Tan<sup>2</sup></li><li>▪ Bottom: Gray</li></ul> <sup>1</sup> Available in 3 oz. and 9 oz. feltback <sup>2</sup> Available in 9 oz. feltback
<b>Overall Thickness</b>	60 mil (1.5 mm), nominal (ASTM D-751) 45 mil (ASTM Type III D-4434 Spec. Requirement)
<b>Thickness Above Scrim</b>	24 mil (ASTM D-7635) 16 mil (ASTM Type III D-4434 Spec. Requirement)
<b>Felt Weight</b>	3 oz/yd <sup>2</sup> 9 oz/yd <sup>2</sup>

## TECHNICAL INFORMATION

<b>Resistance to Static Puncture</b>	Pass (ASTM D-5602) 33 lbf (15 kg) (ASTM Type III D-4434 Spec. Requirement)
<b>Resistance to Dynamic Puncture</b>	Pass (ASTM D-5635) 14.7 ft-lbf (20 J) (ASTM Type III D-4434 Spec. Requirement)
<b>Tensile Strength</b>	303 lbf (1348 N) (ASTM D-751) 200 lbf (890 N) (ASTM Type III D-4434 Spec. Requirement)
<b>Elongation at Break</b>	20 & 20% MD & CMD <sup>1</sup> (ASTM D-751) 15 & 15% MD & CMD <sup>1</sup> (ASTM Type III D-4434 Spec. Requirement) <sup>1</sup> MD = Machine Direction, CMD = Cross Machine Direction.
<b>Tear Strength</b>	45 lbf (200 N) (ASTM D-751) 45 lbf (200 N) (ASTM Type III D-4434 Spec. Requirement)
<b>Seam Strength</b>	Pass (ASTM D-751) 75% of original <sup>1</sup> (ASTM Type III D-4434 Spec. Requirement) <sup>1</sup> Failure occurs through membrane rupture not seam failure.



<b>Linear Dimensional Change</b>	0.24%	(ASTM D-1204)
	0.5%	(ASTM Type III D-4434 Spec. Requirement)

<b>Solar Reflectance</b>	<b>EnergySmart Colors</b>	<b>Initial Solar Reflectance<sup>1</sup></b>	<b>3-Year Solar Reflectance<sup>1</sup></b>
	EnergySmart White	0.85	0.75
	EnergySmart Reflective Gray	0.73	0.66
	EnergySmart Tan	0.72	0.65

<sup>1</sup> Solar Reflectance testing according to ASTM C-1549.

<b>Solar Reflectance Index</b>	<b>EnergySmart Colors</b>	<b>Initial Solar Reflectance Index<sup>1</sup></b>	<b>3-Year Solar Reflectance Index<sup>1</sup></b>
	EnergySmart White	106	93
	EnergySmart Reflective Gray	89	80
	EnergySmart Tan	89	78

<sup>1</sup> Solar Reflectance Index calculated according to ASTM E-1980.

<b>Thermal Emittance</b>	<b>EnergySmart Colors</b>	<b>Initial Thermal Emittance<sup>1</sup></b>	<b>3-Year Thermal Emittance<sup>1</sup></b>
	EnergySmart White	0.89	0.90
	EnergySmart Reflective Gray	0.89	0.88
	EnergySmart Tan	0.89	0.88

<sup>1</sup> Thermal Emittance testing according to ASTM C-1371, Slide Method.

<b>Low Temperature Bend</b>	Pass	(ASTM D-2136)
	Pass -40°F (-40°C)	(ASTM Type III D-4434 Spec. Requirement)

<b>Weight Change after Immersion in Water</b>	2.5%	(ASTM D-570)
	± 3.0%	(ASTM Type III D-4434 Spec. Requirement)

<b>UV Exposure</b>	Pass	(ASTM G-154)
	5,000 hours	(ASTM Type III D-4434 Spec. Requirement)
	Cracking (7x magnification)	None
	Crazing (7x magnification)	None

<b>Retention of Properties after Heat Ageing</b>	Breaking Strength, % of original: Pass	(ASTM D-751)
	Elongation, % of original: Pass	(ASTM D-751)
	Breaking Strength, % of original: 90	(ASTM Type III D-4434 Spec. Requirement)
	Elongation, % of original: 90	

## BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual

site conditions and curing conditions.

## AVAILABILITY/WARRANTY

### AVAILABILITY

From Sika Corporation – Roofing Authorized Applicators for use within Sikaplan systems.

## WARRANTY

Upon successful completion of the installed roof by the Sika Authorized Applicator in compliance with Sika requirements, Sika Corporation will provide a warranty to the Building Owner via the Sika Authorized Applicator.

## ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

## APPLICATION INSTRUCTIONS

### APPLICATION

Sikaplan Fastened-60 Feltback EnergySmart is installed on acceptable substrates and fastened to the roof deck using the approved attachment method. The membrane is heat-welded together by trained mechanics using hot-air welding equipment. Refer to Technical Bulletin 24-02 for Pro-Weld visual welding temperature indicator application information.

### MAINTENANCE

Standard maintenance of Sikaplan systems should include regular inspections of flashings, drains and terminations sealants at least twice a year and after each storm.

### OTHER RESTRICTIONS

See Legal Disclaimer.

## LEGAL DISCLAIMER

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

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates (“SIKA”), the user must always read and follow the warnings and instructions on the product’s most current product label, Product Data Sheet and Safety Data Sheet which are available at [usa.sika.com](http://usa.sika.com) or by calling SIKA’s Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product’s shelf life. User determines suitability of product for intended use and assumes all risks. User’s and/or buyer’s sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs.

**NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

Sale of SIKA products are subject to the Terms and Conditions of Sale which are available at <https://usa.sika.com/en/group/SikaCorp/termsandconditions.html> or by calling 1-800-933-7452.

**Sika Corporation**  
201 Polito Avenue  
Lyndhurst, NJ 07071  
Phone: +1-800-933-7452  
Fax: +1-201-933-6225  
[usa.sika.com](http://usa.sika.com)



**Product Data Sheet**  
**Sikaplan® Fastened-60 Feltback EnergySmart**  
January 2024, Version 10.01  
020905011100153002

SikaplanFastened-60FeltbackEnergySmart-en-US-(01-2024)-10-1.pdf







## PRODUCT DATA SHEET

# Sarnafil® S 327-80 Feltback EnergySmart

80 mil thick PVC thermoplastic membrane

### PRODUCT DESCRIPTION

Sarnafil® S 327-80 Feltback EnergySmart Roof Membrane is a PVC thermoplastic membrane produced with an integral polyester reinforcement for high strength, is highly reflective, with heat-weldable seams, and a unique lacquer coating applied to the top of the membrane to reduce dirt pick up.

### USES

Used in mechanically attached applications with various fastening methods, over various substrates.

### AREAS OF APPLICATION

- New Roofs
- Reroofs
- Recovers

### CHARACTERISTICS / ADVANTAGES



- Highly reflective
- Excellent tear strength resistance
- Factory applied lacquer coated to reduce dirt pick up
- Hot-air welded seams for long-term performance
- Proven membrane performance
- Superior fire resistance

### APPROVALS / STANDARDS

- FM Global
- Underwriters Laboratories
- Underwriters Laboratories of Canada
- ICC Code Compliance – ESR 1157
- Miami-Dade County
- Florida Building Code
- NSF/ANSI 347: Platinum Certified
- California Title 24
- LEED / Green Globes

## PRODUCT INFORMATION

<b>Chemical Base</b>	High-quality, PVC membrane containing ultraviolet light stabilizers, flame retardant and polyester scrim reinforcement with a unique lacquer coating on the top surface.	
<b>Recycled Content</b>	9% Pre-consumer, 1% Post-consumer	
<b>Reinforcing Material</b>	Polyester	
<b>Packaging</b>	<b>80 mil (2.0 mm) Membrane</b> 10 ft x 80 ft (3 m x 24 m) roll, 459 lbs (208 kg) per roll, 8 rolls per pallet	
<b>Shelf Life</b>	N/A	
<b>Storage Conditions</b>	Store rolls on pallets and fully protected from the weather with clean canvas tarpaulins. Unvented polyethylene tarpaulins are not accepted due to the accumulation of moisture beneath the tarpaulin in certain weather conditions that may affect the ease of membrane weldability.	
<b>Appearance / Color</b>	<ul style="list-style-type: none"><li>▪ Top: White, Tan, and Reflective Gray</li><li>▪ Bottom: Gray</li></ul>	
<b>Overall Thickness</b>	80 mil (minimum thickness) 45 mil	(ASTM D-751) (ASTM Type III D-4434 Spec. Requirement)
<b>Thickness Above Scrim</b>	40 mil 16 mil	(ASTM D-7635) (ASTM Type III D-4434 Spec. Requirement)
<b>Felt Weight</b>	9 oz/yd <sup>2</sup>	

## TECHNICAL INFORMATION

<b>Resistance to Static Puncture</b>	Pass 33 lbf (15 kg)	(ASTM D-5602) (ASTM Type III D-4434 Spec. Requirement)
<b>Resistance to Dynamic Puncture</b>	Pass 14.7 ft-lbf (20 J)	(ASTM D-5635) (ASTM Type III D-4434 Spec. Requirement)
<b>Tensile Strength</b>	325 lbf (1445 N) 200 lbf (890 N)	(ASTM D-751) (ASTM Type III D-4434 Spec. Requirement)
<b>Elongation at Break</b>	29.5 & 30.5% MD & CMD <sup>1</sup> 15 & 15% MD & CMD <sup>1</sup>	(ASTM D-751) (ASTM Type III D-4434 Spec. Requirement)
<sup>1</sup> MD = Machine Direction, CMD = Cross Machine Direction.		
<b>Tear Strength</b>	49 lbf (218 N) 45 lbf (200 N)	(ASTM D-751) (ASTM Type III D-4434 Spec. Requirement)
<b>Seam Strength</b>	Pass 75% of original <sup>2</sup>	(ASTM D-751) (ASTM Type III D-4434 Spec. Requirement)
<sup>2</sup> Failure occurs through membrane rupture not seam failure.		
<b>Linear Dimensional Change</b>	-0.14% 0.5%	(ASTM D-1204) (ASTM Type III D-4434 Spec. Requirement)

**Solar Reflectance**

EnergySmart Colors	Initial Solar Reflectance <sup>1</sup>	3-Year Solar Reflectance <sup>1</sup>
EnergySmart White <sup>2</sup>	0.84	0.76
EnergySmart Tan <sup>2</sup>	0.73	0.65
EnergySmart Reflective Gray <sup>2</sup>	0.73	0.66

<sup>1</sup> Solar Reflectance testing according to ASTM C1549.<sup>2</sup> Meets LEED, Green Globes, and California's Title 24 criteria for Low and Steep Slope applications.**Solar Reflectance Index**

EnergySmart Colors	Initial Solar Reflectance Index <sup>1</sup>	3-Year Solar Reflectance Index <sup>1</sup>
EnergySmart White <sup>2</sup>	105	93
EnergySmart Tan <sup>2</sup>	89	78
EnergySmart Reflective Gray <sup>2</sup>	90	80

<sup>1</sup> Solar Reflectance Index calculated according to ASTM E1980.<sup>2</sup> Meets LEED, Green Globes, and California's Title 24 criteria for Low and Steep Slope applications.**Thermal Emittance**

EnergySmart Colors	Initial Thermal Emittance <sup>1</sup>	3-Year Thermal Emittance <sup>1</sup>
EnergySmart White <sup>2</sup>	0.86	0.85
EnergySmart Tan <sup>2</sup>	0.85	0.86
EnergySmart Reflective Gray <sup>2</sup>	0.89	0.88

<sup>1</sup> Thermal Emittance testing according to ASTM C1371, Slide Method.<sup>2</sup> Meets LEED, Green Globes, and California's Title 24 criteria for Low and Steep Slope applications.**Low Temperature Bend**

Pass	(ASTM D-2136)
Pass -40°F (-40°C)	(ASTM Type III D-4434 Spec. Requirement)

**Weight Change after Immersion in Water**

1.8%	(ASTM D-570)
± 3.0%	(ASTM Type III D-4434 Spec. Requirement)

**UV Exposure**

10,000 hours	(ASTM G-154)
5,000 hours	(ASTM Type III D-4434 Spec. Requirement)
Cracking (7x magnification)	None
Discoloration (by observation)	Negligible
Crazing (7x magnification)	None

**Retention of Properties after Heat Ageing**

Tensile Strength, % of original: Pass	(ASTM D-3045)
Elongation, % of original: Pass	(ASTM D-751)
Tensile Strength, % of original: 90	(ASTM Type III D-4434 Spec. Requirement)
Elongation, % of original: 90	

**BASIS OF PRODUCT DATA**

temperature, application methods, test methods, actual site conditions and curing conditions.

Results may differ based upon statistical variations depending upon mixing methods and equipment,

**Product Data Sheet**

Sarnafil® S 327-80 Feltback EnergySmart

September 2022, Version 07.01

020905012050203002

**BUILDING TRUST**



## AVAILABILITY/WARRANTY

### AVAILABILITY

From Sika Corporation – Roofing Authorized Applicators for use within Sarnafil or Sikaplan systems.

### WARRANTY

Upon successful completion of the installed roof by the Sika Authorized Applicator in compliance with Sika requirements, Sika Corporation will provide a warranty to the Building Owner via the Sika Authorized Applicator.

## ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

## APPLICATION INSTRUCTIONS

### APPLICATION

Sarnafil S 327 is rolled out after proper preparation of the approved substrate and fastened to the roof deck with appropriate mechanically attached system with Sarnafasteners in accordance with Sika's technical requirements. Sarnafil S 327 seams are heat-welded together by trained operators using hot-air welding equipment. Different mechanically attached systems require different application methods. Please consult Sika's Specifications or Applicator Handbook for detailed installation procedures.

## MAINTENANCE

Standard maintenance of Sarnafil or Sikaplan systems should include regular inspections of flashings, drains, and termination sealants at least twice a year and after each storm.

## OTHER RESTRICTIONS

See Legal Disclaimer.

Sika Corporation  
201 Polito Avenue  
Lyndhurst, NJ 07071  
Phone: +1-800-933-7452  
Fax: +1-201-933-6225  
usa.sika.com



Product Data Sheet  
Sarnafil® S 327-80 Feltback EnergySmart  
September 2022, Version 07.01  
020905012050203002

## LEGAL DISCLAIMER

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

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at [usa.sika.com](http://usa.sika.com) or by calling SIKA's Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

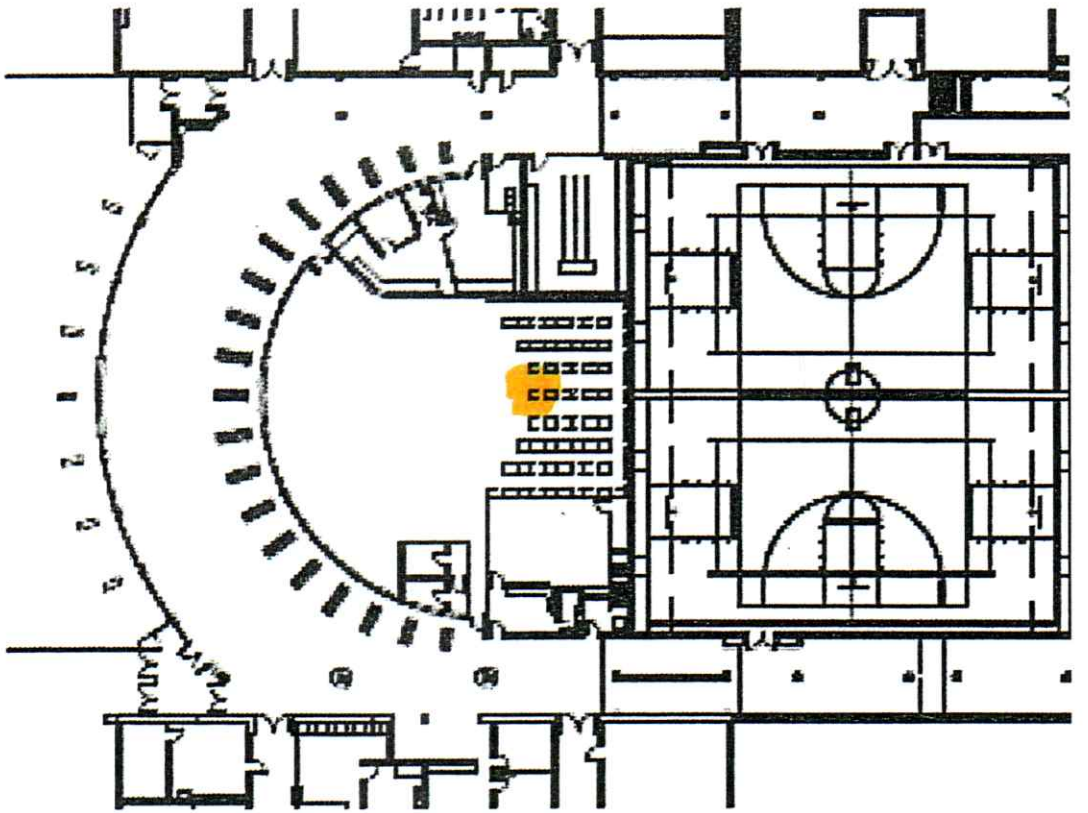
SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs.

**NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

Sale of SIKA products are subject to the Terms and Conditions of Sale which are available at <https://usa.sika.com/en/group/SikaCorp/termsandconditions.html> or by calling 1-800-933-7452.

SarnafilS327-80FeltbackEnergySmart-en-US-(09-2022)-7-1.pdf





Highland  
High  
School



**POCATELLO/CHUBBUCK SCHOOL DISTRICT 25**

**LEARNING TODAY FOR THE POSSIBILITIES OF TOMORROW**

**BID PROPOSAL  
2024 Reinforced Roofing Project**

Board of Trustees  
Pocatello/Chubbuck School District No. 25  
3115 Pole Line Road  
Pocatello, ID 83201

Date: \_\_\_\_\_

\_\_\_\_\_  
Company Name

We, the undersigned Bidder agrees, if this bid is accepted, to enter into an agreement with Owner to furnish all labor, materials, tools, and equipment and complete all work called for by these specifications under the supervision of the School Plant Coordinator and the Director of Business Operations, for the sum of:

<u>PROJECT</u>	<u>AMOUNT</u>
Project 1 – Century High School, 7801 Diamondback Way	\$ _____
Project 2 – Highland High School, 1800 Bench Road	\$ _____
Project 3 – Edahow Elementary School, 2020 Pocatello Creek Rd	\$ _____
Project 4 – Indian Hills Elementary, 666 Cheyenne	\$ _____
Alternate No. 1 – <u>30-year</u> warranty	\$ _____
TOTAL BID	\$ _____

We further acknowledge Addendum(s) Received. No. \_\_\_\_\_, dated \_\_\_\_\_.

**Work can begin June 3, 2024 and must be completed by August 2, 2024.**

The Board of Trustees reserves the right to reject any/or all bids or to waive any informalities, or to accept the bid or bids deemed best for Pocatello/Chubbuck School District No. 25, Bannock County, Pocatello, Idaho.



Respectfully submitted,

- Attached, if applicable, is a listing of sub-contractor's names and addresses for this project.
- Attached is our Affidavit of Alcohol and Drug-Free Worksite, as pursuant to Idaho Code 72-1717.
- Attached is Bidder Certification Form.

---

Company Name

---

Authorized Signature / Date

---

Address

---

Title

---

City, State, Zip

---

Public Works License Number

---

Phone / Fax Number

---

Worker's Comp & Liability Insurance Exp. Date

---

Email, if applicable