

BID FORM
Bid No. TF-2019-18

The undersigned bidder declares that the Bidder has carefully examined the specifications and this Bid is made in accordance therewith, locations, conditions and classes of materials of the proposed work; and agrees that the Bidder will provide all the necessary machinery, labor, tools, apparatus, and insurance and agrees to perform all of the work specified herein for the following prices:

Service Description	QTY	Price Each	Extended Price
Design of approx. 37 wayfinding signs	1	Lump Sum Price Required	\$ 131,149.61
Fabrication and Installation of signs in Phase 1	12	\$ 3,730.12 /ea	\$ 44,761.44
Fabrication and Installation of signs in Phase 2	25	\$ 3,455.53 /ea	\$ 86,388.17
TOTAL COSTS FOR DESIGN, FABRICATION & INSTALLATION OF ALL 37 SIGNS			\$
Add Alternate Description	QTY	Price Each	Extended Price
Remove brown TxDOT directional signs. Locations designated as replacements needed on the Table of Signs herein.	10	\$ 413.45/EA	\$ 4,134.50
Additional fee for aluminum fluted decorative breakaway poles. Fee stated shall be <u>in addition</u> to the price of the signs with standard poles quoted above.	37	\$ 250.80 /ea In addition to the price listed above	\$ 9,279.60 In addition to the extended price listed above.

*****INCLUDE WITH BID SUBMITTALS INFORMATION PERTAINING TO TYPE, BRAND, AND SPECIFICATIONS OF POLES AND SIGN MATERIALS BEING PROPOSED*****

Receipt is hereby acknowledged of the following addenda to the Contract Documents:

Addendum No. 1 dated _____ Received _____

Addendum No. 2 dated _____ Received _____

Addendum No. 3 dated _____ Received _____

COMPANY NAME:

BSC SIGNS & LIGHTING

BID FORM

(continued)
Bid #TF-2019-18

The Undersigned affirms that it is duly authorized to submit this bid, that this bid has not been Prepared in collusion with any other bidder, and that the content of this bid as to prices, terms, or conditions of said bid has not been communicated to any other bidder prior to the official opening of this bid.

The Undersigned certifies that pursuant to Section 2270.002 of the Texas Government Code, Bidder does not boycott Israel and will not boycott Israel during the term of the contract resulting from this solicitation.

SSC SIGNS & LIGHTING
Company Name

2819 BLYSTONE LANE
Address

DALLAS, TX 75220
City, State, Zip Code

972.219.2495
Phone No.

Fax No.

Email Address:

KKallundeta@SSCSigns.com

[Signature]
Authorized Signature

Jason Kirkland
Printed Name

Manager
Title

1/31/12
Date

COMPANY NAME:

SSC SIGNS & LIGHTING

SSC SIGNS AND LIGHTING

SSC SIGNS & LIGHTING
REFERENCES

City of Seguin - Wayfinding Signs

NO.	CLIENT REFERENCE	DATES OF SERVICE	BRIEF DESCRIPTION/SERVICES PROVIDED	KEY CONTACT	CITY	STATE	PHONE
1	UT Southwestern	2018/2019	Wayfinding signage	Heather Chandler	Dallas	TX	972. 219-2495
2	DPR Construction	2018/2019	Wayfinding signage	Alton Smith	Dallas	TX	469. 404-9270
3	Love Field / Hensel Phelps	2018/2019	Wayfinding signage	Andrew Chapel	Dallas	TX	469. 461-5008
4	Frost Bank	2018/2019	Wayfinding signage	David Hamilton	Dallas	TX	210. 220-4708
5	Dickie Arena	2018	Wayfinding signage	Bill Shaw	Dallas	TX	817. 402-9051

CITY OF SEGUIN
WAYFINDING SIGNS
SUPPLEMENTAL INFORMATION

➤ **TEXAS CORRUGATORS**

SLIP BASE

➤ **AKZONOBEL**

SIGN FINISHES

➤ **BRANDON INDUSTRIES**

POLES / BASES

➤ **3M**

HIGH INTENSITY PRISMATIC REFLECTIVE SHEETING

TEXAS CORRUGATORS Quotation

P.O. Box 938
Round Rock, TX 78680
(512)388-0588
(512)388-0417 Fax
www.txcorr.com

Grates
Sign Posts
Geotextiles
Bridge Railing
Metal Fabrication
Safety Pipe Runners
Corrugated Steel Pipe
Cast Iron Rings & Covers
Metal Beam Guard Fence

SSC SIGNS AND LIGHTING

PROJECT

CITY OF SEGUIN

ATTN: ANDY

QUANTITY	DESCRIPTION	UNIT PRICE
70 EA	3' X 3' TRIANGLE STUB	
7 EA	BOLTDOWN TRIANGLE SLIP BASE STUB INCL: REQ. HARDWARE	
77 EA	SLIP BASE TRIANGLE CASTING INCL: REQ. HARDWARE	

NOTE: PRICES ARE FOR SIGN POSTS WHICH INCLUDE: POSTS, T & U BRACKETS, WINGED CHANNEL POSTS, S3 STIFFENERS FOR (EXAL), CASTINGS W/3 SET SCREWS, STUBS, KEEPER PLATES, FRICTION CAPS, BOLTS, NUTS, & WASHERS. **SIGN CLAMPS & EXTRUDED ALUMINUM ARE NOT INCLUDED.** POSTS, WINGED CHANNEL POSTS AND T & U BRACKETS WILL BE SHIPPED IN STOCK LENGTHS TO BE FIELD CUT & ASSEMBLED BY INSTALLER. REFLECTIVE SHEETING NOT INCLUDED.

AS REQ'D 2 3/8" U-BOLT ASSEM 2.04 EA
AS REQ'D 2 7/8" U-BOLT ASSEM 2.12 EA

TERMS OF PAYMENT: NET 30 DAYS
PRICES VALID FOR 30 DAYS
SALES TAX NOT INCLUDED

Subject to being awarded the contract, we accept your proposal to furnish the job requirements at the unit prices quoted above

Company Name _____

Print Name _____

Signature _____ Date _____

DELIVERY: 1-2 WEEKS
F.O.B. POINT: CUSTOMER YARD – MTR. FRT.

PRICES INCLUDE FREIGHT FOR 1 LOAD
DELIVERED TO JOBSITE. ADDITIONAL
LOADS DUE TO CUSTOMER REQUESTING
LESS THAN TRUCKLOAD QUANTITIES WILL
BE CHARGED AT \$450.00 PER LOAD.

Respectfully submitted,
TEXAS CORRUGATORS-AUSTIN DIVISION, INC

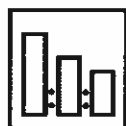
BY COLYN MOORE Date: 1/31/19



Description

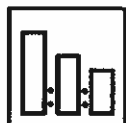
Grip-Gard EFX LV-LV is a high solid polyurethane topcoat developed to meet signage needs. The intermix toner system matches thousands of solid and metallic colors in any gloss level at 3.5 and 2.8 lbs/gal.

Satin Mix Ratio



- 5 GG EFX LV Mixed Color and AkzoNobel Stock Colors
- 1 GG EFX LV Hardener or Hardener Exempt
- 1 GG EFX LV Reducer or Reducer Exempt

High Gloss Mix Ratio



- 3 GG EFX LV Mixed Color
- 1 GG EFX LV Hardener or Hardener Exempt
- 1 GG EFX LV Reducer or Reducer Exempt



Use the Measuring Stick #23 (Purple) for Satin Gloss
Use the Measuring Stick #106 (Purple) for High Gloss

Gloss Blends

High / Semi / Satin / Low Gloss Finishes

Refer to mixing information in this TDS for B60SG Satin Blender and B60HG High Gloss Blender



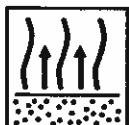
Spray gun set-up:
Gravity: 1.3 – 1.5 mm

Application pressure:
30–40 psi (2-3 bar) at the air inlet
HVLP max 10 psi (0.7 bar) at the air cap



Application – Solid Colors
Apply 2 medium wet coats

Application – Metallic Colors
Apply 2 medium wet coats followed by orientation coat (mist coat)



Flash between coats –
Straight Shades
3 - 5 minutes at 70°F (21°C)

Flash between coats –
Metallic
3 - 5 minutes at 70°F (21°C) between coats
1 – 2 minutes at 70°F (21°C) before orientation coat



Dry to exposure
5 - 6 hrs. at 70°F (21°C)
30 min. at 140°F (60°C)
Accelerated: 1.5 hrs. at 70°F (21°C)



Use suitable respiratory protection
AkzoNobel Sign Finishes recommends the use of a fresh air supply respirator



Description

Grip-Gard EFX LV is a high solid polyurethane topcoat developed to meet signage application needs. It is an intermix toner system to match thousands of solid and metallic colors in any gloss level at both 3.5 and 2.8 lbs/gal.

GG EFX LV Environmental Statement

All Grip-Gard EFX LV toners, hardeners, reducers and additives are lead and chrome free. No products from AkzoNobel Sign Finishes, including the lead and chrome free primers contain heavy metals such as manganese, nickel and cadmium in amounts high enough to reach the MSDS reportable threshold.

Suitable substrates

- All Grip-Gard primers and surfacers.
- Most existing finishes, degreased and sanded with #P320 to #P400 grit paper dry

For detailed information on the use of primers and surfacer, refer to the following Technical Data Sheets (TDS)

- TDS Colorbuild Plus 250 Urethane Primer
- TDS LV Epoxy360 2.1 VOC
- TDS Grip-Gard White Washprimer, Light Enhancing
- TDS Grip-Gard Epoxy Sealer White and Gray
- TDS Grip-Gard Epoxy 2.8/3.5
- TDS Grip-Gard Epoxy 4.6
- TDS Grip-Gard Brite White HF Primer
- TDS Grip Gard Sealer Surfacer
- TDS Grip-Gard HB Surfacer

Products and additives

MAIN PRODUCTS: Grip Gard EFX LV Intermix toners

STOCK COLORS:

GG EFX LV RM 312 DUR BRONZE MED	Item # 509645
GG EFX LV RM 313 DUR BRONZE DARK	Item # 509644
GG EFX LV RM 313E DUR BRONZE	Item # 509645
GG EFX LV RM SATIN WHITE	Item # 509634
GG EFX LV RM SATIN BLACK	Item # 509630
GG EFX LV RM BR ALUMINUM	Item # 509631

BLENDERS / BINDERS

GG EFX LV-LV B60HG HIGH GLOSS BLENDER	Item # 483921
GG EFX LV-LV B60SG SATIN GLOSS BLENDER	Item # 483922
GG EFX LV SATIN RED ACTIVATOR	Item # 484222

HARDENER:

GG EFX LV Hardener	Item # 483923
GG EFX LV Hardener Exempt	Item # 509632

REDUCERS:

GG EFX LV REDUCER Exempt	All temperature	Item # 484216
GG EFX LV REDUCER FAST	Cool, 65 - 75°F	Item # 483924
GG EFX LV REDUCER MEDIUM	Warm, 75°F - 85°F	Item # 484198
GG EFX LV REDUCER EXTRA SLOW	Hot, 85°F - 105°F	Item # 484291

ADDITIVES:

SuperTop Plus: An accelerator to speed cure time with minimal impact on pot life	Item # 395714
Grip-Gard Plus 1K Touch Up Additive	Item # 390948
Grip-Gard Plus Brushing and Rolling Additive (See B/R TDS for instruction)	Item # 390909

Basic raw materials

GG EFX LV	Acrylic resins, solvents
GG EFX LV Hardeners:	Polyisocyanate resins & Catalyst
Grip-Gard Plus Accelerator:	Catalyst with pot-life extender

Note: GG EFX LV Hardener once opened should be stored in cool & dry place to avoid moisture contamination. Do not leave the container open. Close the lid immediately after use. Clean the lip of the container with a solvent soaked rag to prevent skinning/flaking.

Mixing Instructions; Step 1 For Mixing Your Own Color

If Using a Standard Color from Color Manager proceed to step 2

Own Colors

Own Color Mixing To make a custom or own color, please follow the guidelines below. A custom or own color is any color that is not in Color Manager.

Satin Colors:

Solid and Metallic Colors containing Reds B622, B625, B647

Color	Satin Red Activator	B60SG
45	5	50

Solid Colors without Reds B622, B625, B647

Color	B60SG
45	55

Metallic Colors without Reds B622, B625, B647

Color	B60SG	B60HG
45	50	5

High Gloss Colors:

Metallic Colors

Color	B60HG
60	40

Solid Colors

Color	B60HG
70	30

Alternate Gloss Levels

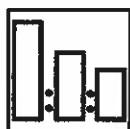
Gloss level required	Amount of Color Toner (wt)	Amount of Satin Blender (wt)
Semi-Gloss	50	50
Flat	40	60

Gloss Notes:

- These recommendations are intended as a guideline as gloss levels will vary from color to color. Additionally environmental conditions such as heat and humidity can affect gloss.
- When making a custom satin color containing any amount of red toner B622, B625, or B647 5% Satin Red Activator must be added before adding the B60SG Satin Binder.
- High amounts of Blender may lower coverage
- Gloss range may vary according to the amount of film build and cure conditions of the topcoat.
- Amount of Satin Blender may vary from color to color. Spray a test panel to verify desired gloss.

STEP 2: Make the color Ready to Spray

Satin/Semi-Gloss/Flat RTS Ratio



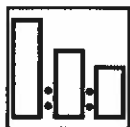
- 5 parts by volume GG EFX LV mixed color
- 1 part GG EFX LV Hardener or Hardener Exempt
- 1 part GG EFX LV Reducer or Exempt Reducer

Use Mixing Stick #23 (Purple)

Note

While every attempt is made to have one consistent mix ratio this may not always be possible. Therefore, reduction may vary color to color in the Satin system. As needed add or subtract 10% reducer as needed. As an example, Whites and Metallic may require less reduction while Reds may require more reduction.

High Gloss RTS Ratio



- 3 parts by volume GG EFX LV mixed color
- 1 part GG EFX LV Hardener or Hardener Exempt
- 1 part GG EFX LV Reducer or Exempt Reducer

Use Mixing Stick #106 (Purple)



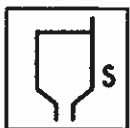
Stir after mixing

GG EFX LV must be stirred thoroughly immediately after mixing the components

Accelerator Mixing Ratio:

Add Supertop Plus Accelerator at 1/2 - 1 ounce to ready-to-spray quart.

Viscosity



Satin Gloss viscosity is 17 - 24 sec. DIN Cup #4 at 70°F (20°C).

High Gloss viscosity is 17 - 24 sec. DIN Cup #4 at 70°F (20°C).

Spray gun set-up / application pressure



Spray Gun

HVLP Gravity

RP

Fluid Tip set-up

1.3 - 1.4 mm

1.3 - 1.4mm

Application Pressure

Max 10 psi at air cap

Max 35 psi inlet

Pot-life

Satin	1 hour at 70°F (20°C)
Satin accelerated with SuperTop Plus	30 minutes at 70°F (20°C)
High Gloss	1 hour at 70°F (20°C)
High Gloss accelerated with SuperTop Plus	30 Minutes at 70°F (20°C)

Application process

Satin Solid Colors:

Apply 2 single medium wet coats with 2-3 minutes flash between coats. Additional coats may be required if applying clean vibrant bright colors. Always make certain you have a uniform even wet film at application to ensure a smooth even satin finish.

Satin Metallic Colors:

- When spraying metallic colors, heavy or excessive coats can cause mottling or uneven distribution of aluminum flake.
- Metallic colors should be sprayed using medium wet coats with 3-5 minutes flash time between coats.
- A light or dust coat (50% trigger) may be required immediately after final coat to even out the metallic pattern. Lighter coats in most instances produce a lighter color while heavier coats will be darker.
- Always make certain you have a uniform even wet film at application to ensure a smooth even satin finish.
- In VOC restricted areas, use only GG EFX LV Exempt Reducer as additional solvent for metallic colors.

High Gloss Solid Colors:

Apply 2 single medium wet coats with 2-3 minutes flash between coats. Additional coats may be required if applying clean vibrant bright colors.

High Gloss Metallic Colors:

- When spraying metallic colors, heavy or excessive coats can cause mottling or uneven distribution of aluminum flake.
- Metallic colors should be sprayed using medium wet coats with 3-5 minutes flash time between coats.
- A light or dust coat (50% trigger) may be required immediately after final coat to even out the metallic pattern. Lighter coats in most instances produce a lighter color while heavier coats will be darker.
- Always make certain you have a uniform even wet film at application to ensure a smooth even satin finish.
- In VOC restricted areas, use only GG EFX LV Reducer Exempt as additional solvent for metallic colors.

Touch up: Grip-Gard Plus 1K Touch up additive can be used to touch up small areas or cover scratches in the field. See 1K Touch up additive TDS

Film thickness

By recommended application;
GG EFX LV 1.0 – 1.2 mils per single coat.

Recoatability

GG EFX LV can be recoated with itself at:

- Same day without sanding
- More than 24 hrs: sanding will be required

Curing time

Curing at 70° F:
Dust Free: 30 Minutes Without Accelerator
Dry to Exposure: 5 - 6 Hours

Curing at 70° F With Accelerator:
Dust Free: 20 Minutes
Dry to Exposure: 2 Hours



Curing at 100° F:
Dust Free: 15 Minutes
Dry to Exposure: 1.5 Hours



Curing at 140° F:
Dust Free: 5 - 10 Minutes
Dry to Exposure: 30 Minutes

Notes: Vinyl graphics can be applied after 48 hours at 70°F (20°C). Or after 24 hours when Supertop Plus has been added. Reflective vinyl graphics require additional time (contact manufacturer for recommendation) before applying to avoid bubbling.

Striping or lettering on GG EFX must be applied within 24 hours to obtain good adhesion. After 24 hours, scuff with a gray scuffing pad.

Adding retarder or using slower reducers in cooler temperatures will extend dust free time, may cause sagging and adversely affect overall appearance. In Satin Gloss systems, the gloss may be increased.

Material usage

Approximate square foot coverage per gallon at 1 mil/gallon:

At Transfer Efficiency	Gloss RTS	Satin RTS
100% (Theoretical)	700 - 775	600 - 650
65% (HVLPRP)	450 - 490	390 - 425
35% (Conventional)	240 - 265	210 - 230

Note: 2.0 mils dry film thickness is recommended for warranty purposes.

Cleaning of equipment

Clean equipment with Cleaning Solvent LV Item# 391000

VOC

GG EFX LV with EFX LV Hardener >3.5 lb/gal or 420 g/lit with Grip-Gard EFX LV Hardener
GG EFX LV with EFX LV Hardener Exempt >2.8 lb/gal or 336 g/lit with Grip-Gard EFX LV Hardener Exempt

Product storage

Store products unopened, and used products with closed lids preferably between 70°- 95°F (10°- 35°C)

Avoid too much temperature fluctuation, optimal storage temperature approximately 70°F (20°C)

Shelf life:

GG EFX LV Satin Blender: One year if stored unopened at room temperature.

GG EFX LV High Gloss Blender: One year if stored unopened at room temperature.

GG EFX LV Toners: Two years if stored unopened at room temperature.

GG EFX LV Hardener: 6-months if stored unopened at room temperature.

GG EFX LV Reducers: Two years if stored unopened at room temperature.

FOR PROFESSIONAL USE ONLY. IMPORTANT NOTE: The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Material Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advices given are subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.

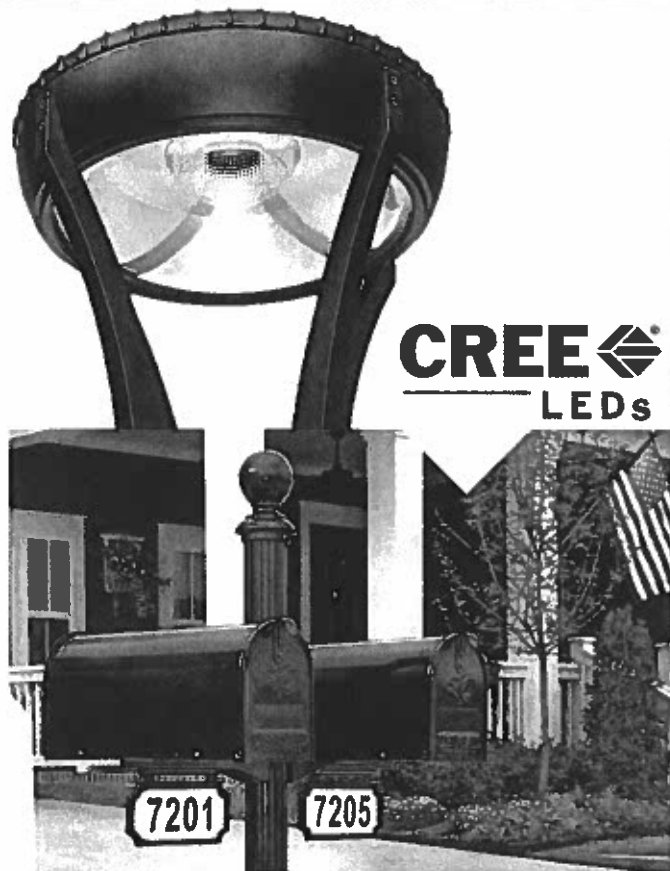
Coatings brand names mentioned in this data sheet are trademarks of or are licensed to Akzo Nobel.

Head Office, AkzoNobel SignFinishes Inc.,
3785 Parkway Lane,
Norcross, GA 30092,
North American Techline: 1-800-618-1010
ON THE WEB AT: www.signfinishes.com



BRANDON[®]

INDUSTRIES



CREE 
LEDs



**Commercial
Lighting**

**Signage
Systems**

**Decorative
Mailboxes**



Contact Us

1601 Wilmeth
McKinney, Texas 75069

800.247.1274
972.542.3000

brandondindustries.com



Products





Outdoor Lighting
LED Lighting
Signage Systems

Wayfinding Signs
Mailboxes
Bulk Unpainted




Quality Streetscape Solutions Since 1987



Decorative Sign Poles

Channel (PATENT PENDING)	Fluted	Smooth	Square
			
CP4X8 – 4" x 8'	SPF5X8 – 5" x 8'	SPS4X8 – 4" x 8'	SPQ4X8 – 4" x 8'
CP3X8 – 3" x 8'	SPF4X8 – 4" x 8'	SPS3X8 – 3" x 8'	SPQ3X8 – 3" x 8'
	SPF3X8 – 3" x 8'		
CP4X10 – 4" x 10'	SPF5X10 – 5" x 10'	SPS4X10 – 4" x 10'	SPQ4X10 – 4" x 10'
CP3X10 – 3" x 10'	SPF4X10 – 4" x 10'	SPS3X10 – 3" x 10'	SPQ3X10 – 3" x 10'
	SPF3X10 – 3" x 10'		
CP4X12 – 4" x 12'	SPF5X12 – 5" x 12'	SPS4X12 – 4" x 12'	SPQ4X12 – 4" x 12'
CP3X12 – 3" x 12'	SPF4X12 – 4" x 12'	SPS3X12 – 3" x 12'	SPQ3X12 – 3" x 12'
	SPF3X12 – 3" x 12'		
CP4X14 – 4" x 14'	SPF5X14 – 5" x 14'	SPS4X14 – 4" x 14'	SPQ4X14 – 4" x 14'
CP3X14 – 3" x 14'	SPF4X14 – 4" x 14'	SPS3X14 – 3" x 14'	SPQ3X14 – 3" x 14'
	SPF3X14 – 3" x 14'		

Decorative Mailbox Poles

Channel (PATENT PENDING)	
	MPC#46 – 4" x 6' MPC#36 – 3" x 6'
Fluted	
	MPF#54 – 5" x 54"
Square	
	MPQ#45 – 4" x 5' MPQ#46 – 4" x 6'

Federal Highway Administration Approved
BREAKAWAY POLES
AVAILABLE

Decorative Mailbox Pedestals



Decorative Bases — 4" OD Square Poles

Two-Piece Base

Slip-Over Base



2PCQ-4
20" x 8.5"



SBQ-14
3.5" x 9"

3" OD Square Poles

Slip-Over Base



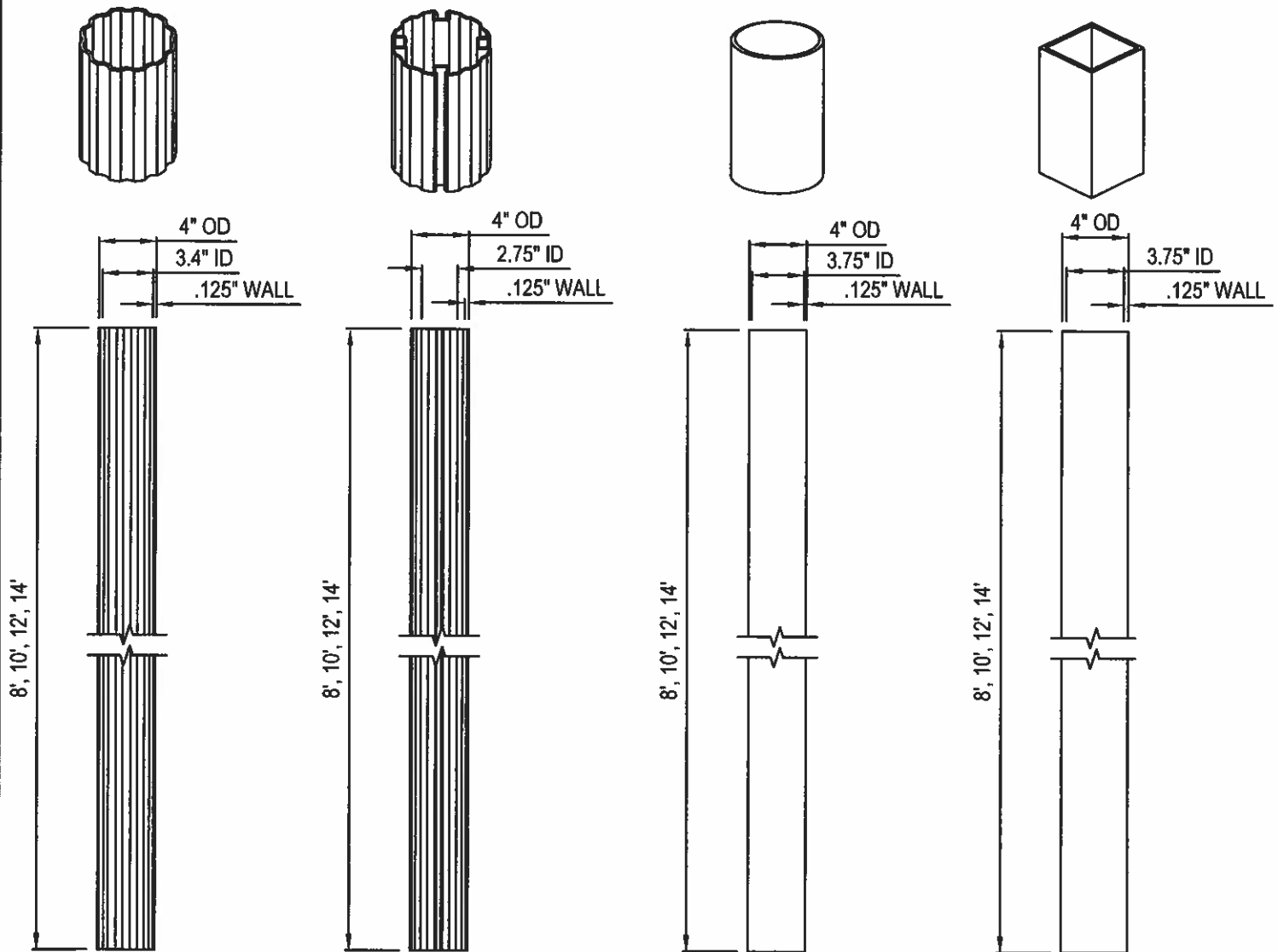
SBQ-13
3" x 8"



BRANDON®

INDUSTRIES

1601 Wilmetth Road
McKinney, Texas 75069
Phone: 972.542.3000
Toll Free: 800.247.1274
brandonindustries.com



4" OD FLUTED POLE
EXTRUDED ALUMINUM ALLOY 6005-T5

SELECT POLE SIZE

- ☐ SP4X8 4" x 8'
- ☐ SP4X10 4" x 10'
- ☐ SP4X12 4" x 12'
- ☐ SP4X14 4" x 14'

4" OD CHANNEL POLE
EXTRUDED ALUMINUM ALLOY 6005-T5

SELECT POLE SIZE

- ☐ CP4X8 4" x 8'
- ☐ CP4X10 4" x 10'
- ☐ CP4X12 4" x 12'
- ☐ CP4X14 4" x 14'

4" OD SMOOTH POLE
EXTRUDED ALUMINUM ALLOY 6005-T5

SELECT POLE SIZE

- ☐ SPS4X8 4" x 8'
- ☐ SPS4X10 4" x 10'
- ☐ SPS4X12 4" x 12'
- ☐ SPS4X14 4" x 14'

4" OD SQUARE POLE
EXTRUDED ALUMINUM ALLOY 6005-T5

SELECT POLE SIZE

- ☐ SPQ4X8 4" x 8'
- ☐ SPQ4X10 4" x 10'
- ☐ SPQ4X12 4" x 12'
- ☐ SPQ4X14 4" x 14'

4-INCH OD SIGN POLES

NOTES:
DRAWING FOR INFORMATION ONLY, NOT INTENDED FOR CONSTRUCTION PURPOSES.

File Name: 4 INCH POLES

Decorative Bases — 4" OD Round Poles

Slip-Over Base

SB-34
25" x 8.5"

Two-Piece Base

2PC4
24" x 10"

Slip-Over Base

SB-64
18" x 13"

Two-Piece Base

2PCL8
18.5" x 16.5"Slip-Over
&
Two-Piece
Base AvailableSB-94 or 2PC8
16" x 13"

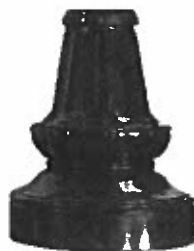
Slip-Over Base

SB-24
3.5" x 7.5"**Decorative Bases — 3" OD Round Poles**

Slip-Over Base

SB-33
24" x 7.5"

Two-Piece Base

2PC3
24" x 9.5"Slip-Over
&
Two-Piece
Base AvailableSB-93 or 2PC83
16" x 13"

Slip-Over Base

SB-23
4" x 7.5"**Decorative Bases — 5" OD Round Poles**

Two-Piece Base

2PCL8-5
18.5" x 16.5"

Slip-Over Base

SB-85
16" x 13"

Slip-Over Base

SB-25
5" x 8"

Slip-Over Base

SB-15
3" x 8.5"**Two-Piece Base (2PC)**

Easy to install, these bases clam-shell around new or existing poles and lock together using steel fasteners.

Slip-Over Base (SB)

Similar to a collar, each base slides over the top of the pole and rests on the concrete pad. Large bases lock in place with set screws.

Direct Burial Poles

Poles are designed for burial in concrete for easy installation. The size and depth of concrete varies according to local soil conditions. A minimum of two feet of pole must be buried in concrete. The concrete pad should extend above grade level and be larger in diameter than the base to prevent contact with soil, grass, standing water, and lawn equipment.

Proper installation will protect the finish for years to come

3M Science.
Applied to Life.™

3M Traffic Safety and Security Division

Bright signs. Dependable performance.

3M™ High Intensity Prismatic Reflective Sheeting Series 3930

Drivers need visible signs at all hours and in all conditions. 3M™ High Intensity Prismatic Reflective Sheeting Series 3930 is durable and bright to help your traffic signs perform well when and where they are needed most.

Our sheeting:

- Is suitable for many traffic sign applications.
- Meets most common middle grade performance standards.
- Has 3M™ MCS™ warranted performance for up to 10 years.



Visibility you can count on.

You need bright, visible signs that help drivers react quickly. Series 3930 returns more light to drivers than glass beaded retroreflective sheeting, for better visibility when you need it. Meets most common middle grade performance standards.

Great for different imaging methods.

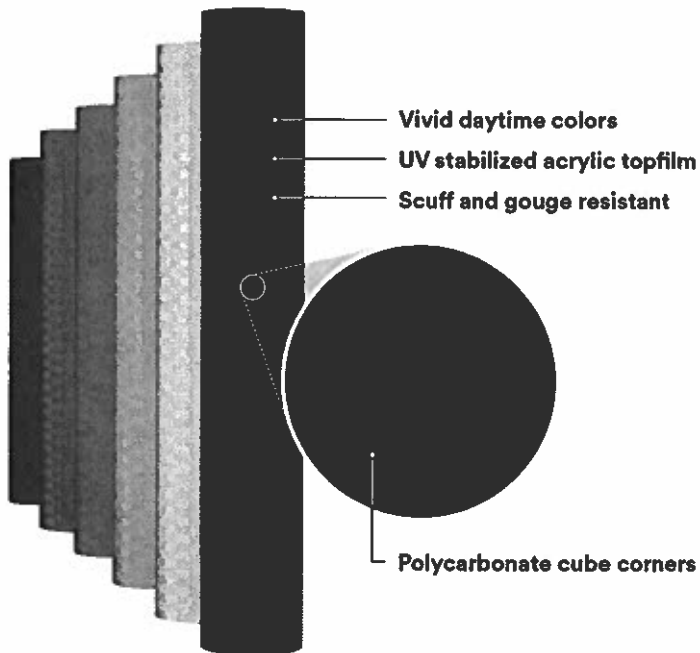
Series 3930 is compatible with select digital printing solutions, electronic cuttable films, and screen print imaging methods.

Built strong to take daily wear and tear.

A tough topcoat helps signs resist scuffs, scratches and gouges, so your sign is effective for longer, even in extreme climates. That means fewer replacements and associated costs.

Safety features you can see.

- Complies with FHWA minimum level of retroreflectivity
- Meets ASTM D4956 Type III and Type IV specifications and ASTM D4956-07 Type X specification
- Available in standard traffic colors



*See Product Bulletin 3930 for additional details.

To learn more about 3M™ High Intensity Prismatic Reflective Sheeting Series 3930, contact your distributor, 3M representative, or visit www.3M.com/roadsafety.



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