

# Rooflite®

## CORRUGATED POLYCARBONATE SHEET BY CO-EX

# STORAGE & INSTALLATION GUIDE

### STORAGE REQUIREMENTS

ROOFLITE should be stored in warehouse areas free from direct sunlight or heat. They should be stacked only on a flat surface.

### INSTALLATION GUIDELINES

Fasteners should be secured without excessive tension which would deform the ROOFLITE. In roofing applications, fastening is best through the crest of the material (Figure 1 & 2). For side walls, fastening would be through the valleys (Figure 3). ROOFLITE is firmly fixed when fastened at every third corrugation and every second corrugation at the ridge and gutter. At the ridge and gutter, material should be fastened through the valleys (Figure 4). Neoprene washers should be used with ROOFLITE.

When joining sheets, an overlap of one corrugation is recommended. The upper sheet in the overlap should be upwind (Figure 1). If overlap is required in the sheet length, we recommend a 6" overlap.

Recommended purlin spacing is 36" at the ridge and gutter and 48" at the mid spans (Figure 5).

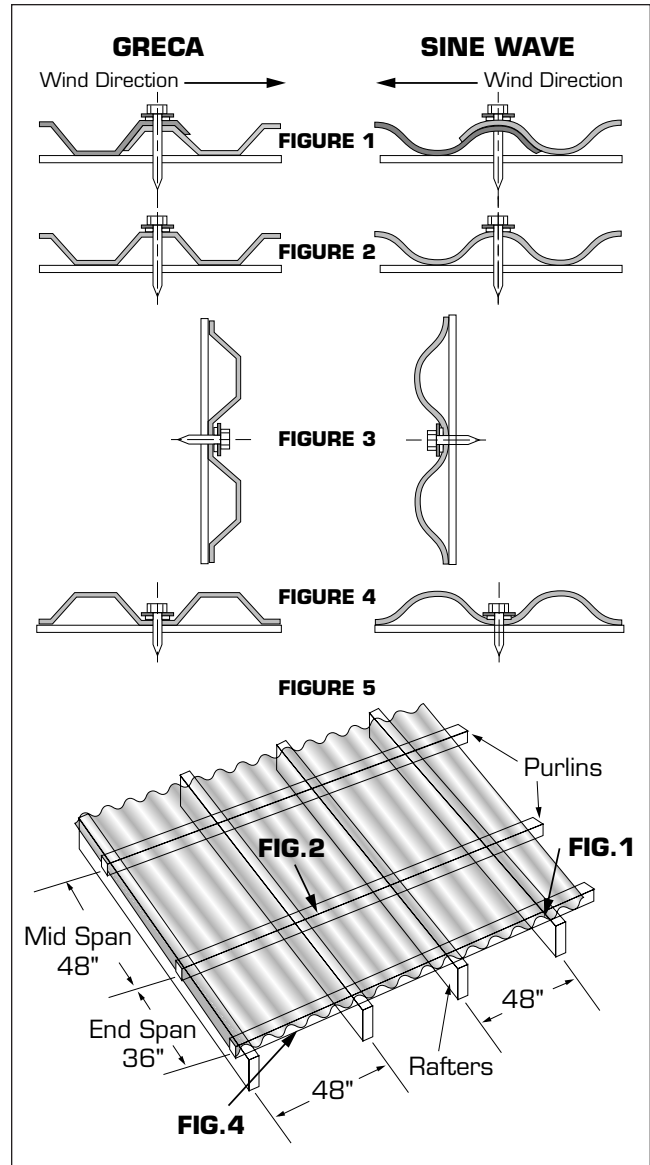
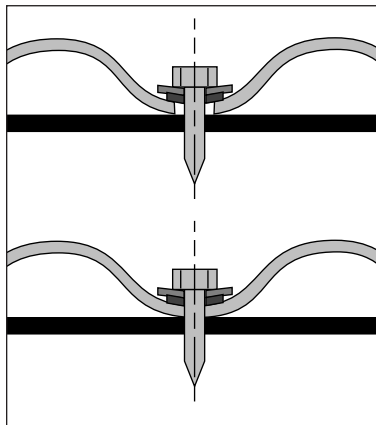
Stiff fixing by means of adhesive or putty is to be avoided. If using sealants, contact your CO-EX distributor for recommended sealants.

### FABRICATION

Cut ROOFLITE with shears, razor knife, or circular saw with fine tooth blade. Make sure the sheet is held securely in place when cutting to avoid vibrations which cause surface streaks.

It is important to allow for thermal expansion and contraction when drilling holes.

Hole diameter should be drilled  $5/64$ " larger than the diameter of the fastener.



### EASY TO INSTALL

ROOFLITE won't crack or split when cut or drilled and can be easily fabricated using standard tools. Able to withstand extreme abuse, the impact strength of the ROOFLITE is stronger than fiberglass, glass and acrylic.

Weighing just  $1/8$  the weight of glass, ROOFLITE does not require the extensive structural support that a heavier glass wall or skylight needs. Light-weight sheet is easy to handle.

## CLEANING AND MAINTENANCE

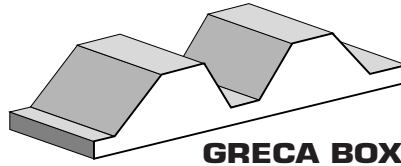
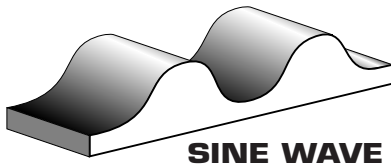
After installation, panels should be washed with mild soap or detergent and lukewarm water using only a clean sponge or soft cloth, then rinsed with clean water. Fresh paint, grease, and smeared glazing compounds may be removed before drying by rubbing lightly with a good grade of naphtha or isopropyl alcohol followed

by a final wash with mild soap or detergent and final rinse.

## BENDING RADII

Unlike glass and acrylic, ROOFLITE can be readily cold formed to many bending radii and can be fabricated on site to precise dimensions. The minimum bending radius is 13 feet.

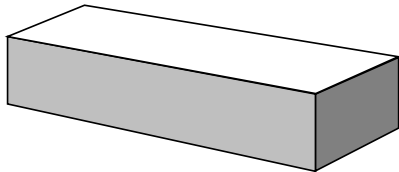
## HORIZONTAL CLOSURE STRIPS



## STANDARD CORRUGATIONS

CORRUGATION	PITCH	DEPTH	LENGTH
Greca Box	3"	.71"	39"
Sine Wave	3"	.71"	39"

## VERTICAL CLOSURE STRIPS



DESCRIPTION	WIDTH	DEPTH	LENGTH
2.67" VERTICAL	1"	1"	40"

## SCREWS

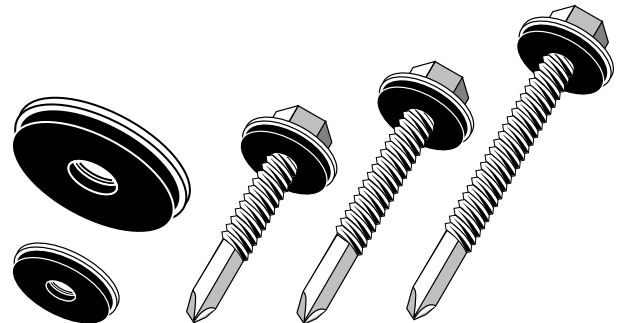
### WOODMATE SCREW

#10 x 1", #10 x 1 1/2" and #10 x 2" – for fastening ROOFLITE to hardwood. Screws available in either 1", 1 1/2", or 2" lengths. Neoprene washers are available in 1" or 1/2" diameter.



### SELF/DRILLING SELF/TAPPING SCREW

#12 x 1", #12 x 1 1/2" and #12 x 2" – for fastening ROOFLITE to aluminum and steel. Screws available in either 1", 1 1/2" or 2" lengths. Neoprene washers are available in 1" or 1/2" diameter.



**CO-EX**  
CORPORATION

For complete information regarding thermal expansion or required supporting structure for your specific application, contact CO-EX Corporation.

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FAX: (203) 679-0600 • [www.co-excorp.com](http://www.co-excorp.com)

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