GLAS PRO™
Single Source Solutions In Glass

Introduction

This installation guide was created to inform you of the issues that should be considered when installing our GlasPro-BP products. It identifies good detailing and installation practices. It will also address where and why problems are likely to occur. These instructions have been created to help achieve the maximum technical and aesthetic performance of our GlasPro-BP system.

GlasPro strongly recommends that all crew members review these instructions thoroughly before installing our GlasPro-BP system. It is also recommended that a copy of these instruction guidelines be kept on hand during the installation of the GlasPro-BP panels. These are general guidelines and do not supersede local building code requirements.

Job Site Considerations:

If floor has low areas or is not within recommended tolerance, then a non-shrink grout should be used to level the support molding.

Walls should be smooth and flat. High points must be removed and low points filled.

Doors and window frames must be in place prior to installation if the GlasPro-BP panels will be cut and fitted up to edges.

If fixing the GlasPro-BP panels over tiles, the tiles must not be loose.

Surface must be permanently dry and free from all substances that may contribute to coating failure. If in doubt, then you should contact GlasPro for consultation.

If fixing to a painted wall, remove loose paint and conduct an adhesive bond test on the painted finish.

To insure good adhesion, all surfaces must be clean and free from dust prior to installation.

Very absorbent substrates, such as plasterboard and wood, must be sealed with a quality grade latex primer and allowed to cure before installing the GlasPro-BP panels.

Dead load of the glass must always be supported by the use of "I" or "J" moldings.

When installing GlasPro-BP Panels over 72" (1.8m) in height, mechanical fasteners must be used.

Preparing GlasPro-BP Surface for Installation

It is important to clean the GlasPro-BP panel surfaces of all dust and debris prior to installation. Most importantly, you are cleaning the surface to which the sealant will be adhered.

Use a soft, nonabrasive, lint free, dry cloth to wipe away any dust or debris.

Vertical Surface Installation

Substrate must be clean, dry and debris free.

GlasPro-BP panels require dabs of NEUTRAL CURE silicone adhesive every 12" to 18" in a grid pattern.

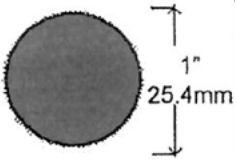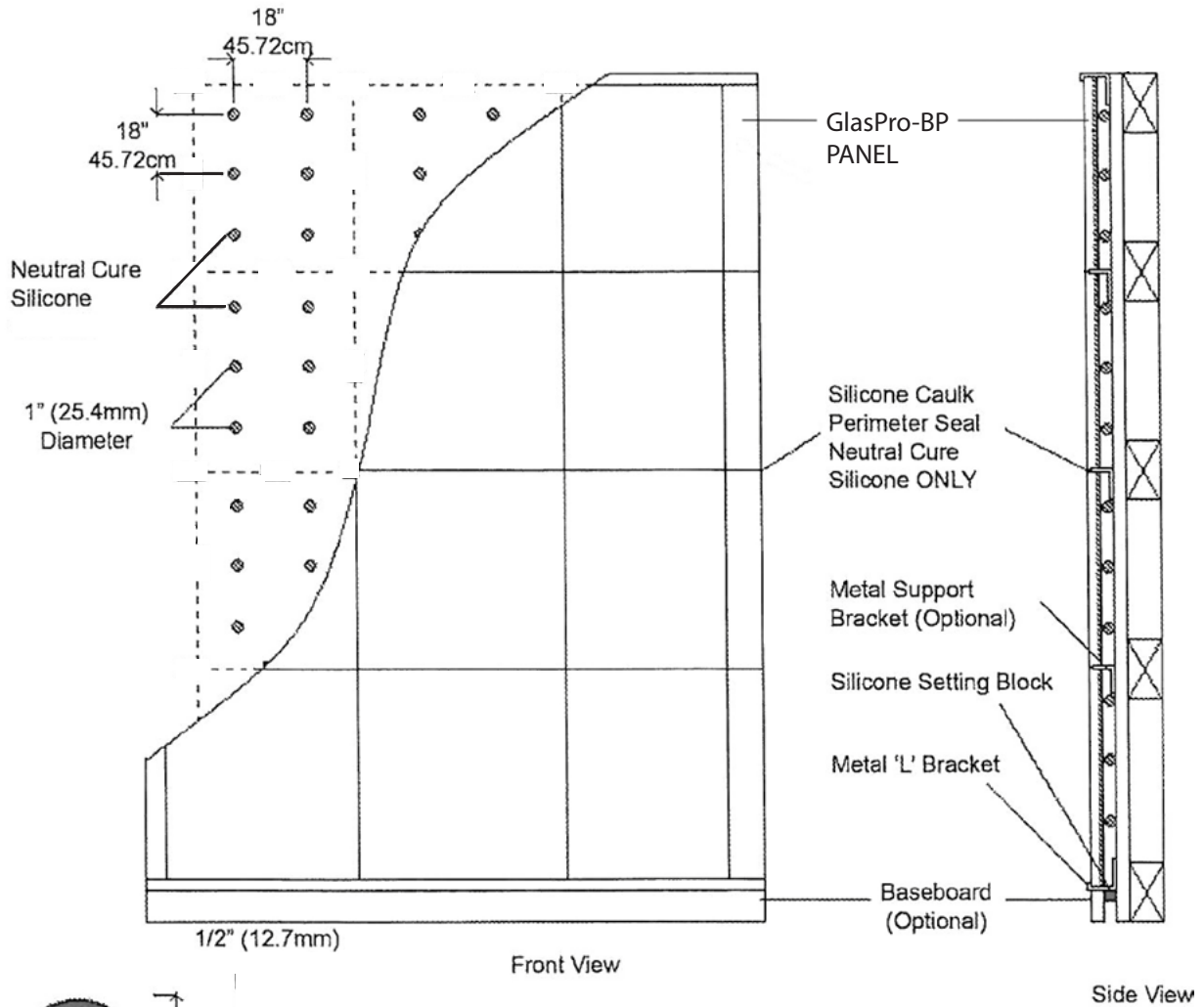Dabs of silicone should not exceed 1" wide in size and 1/3" thick.

When applying the neutral cure silicone to the bonding surface, never use a full float or trowel method to apply adhesive.

Use only 1" dabs or strips as illustrated on page 3 and page 4 of this installation guide.

Only silicone cushion material and setting blocks should be used for spacing and butt joints.

18"
45.72cm

18"
45.72cm

Neutral Cure
Silicone

1" (25.4mm)
Diameter

1/2" (12.7mm)

Front View

GlasPro-BP
PANEL

Silicone Caulk
Perimeter Seal
Neutral Cure
Silicone ONLY

Metal Support
Bracket (Optional)

Silicone Setting Block

Metal 'L' Bracket

Baseboard
(Optional)

Side View

1"
25.4mm

Sealant - Actual Size

Note:
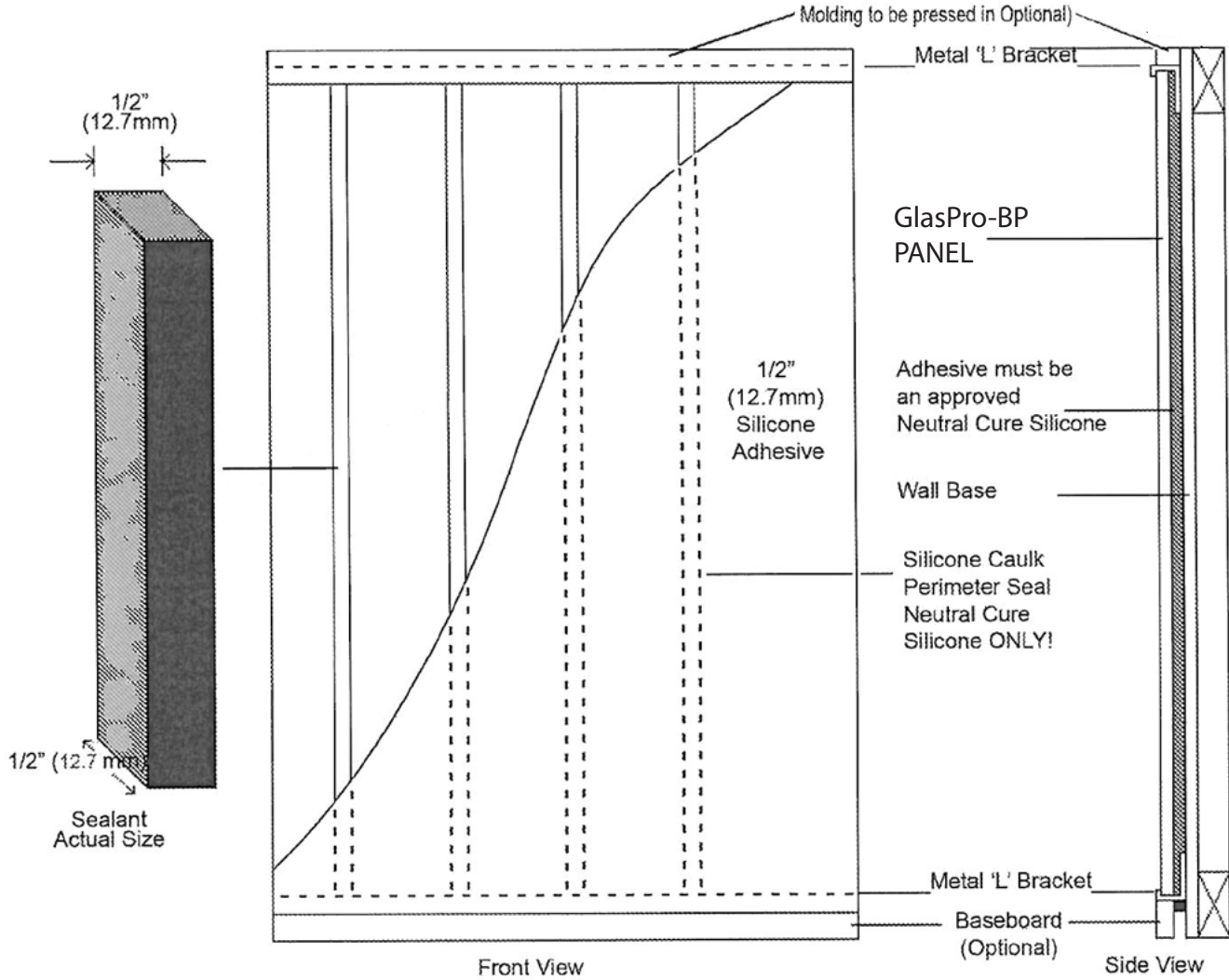
Temporary suports may be required.

Allow seven (7) days for adequate cure of sealant before application of perimeter seal.

Consult with manufacturer to ensure that all sealants are compatible with one another.

DO NOT exceed recommended sealant amount!

Excess may hinder cure and sill lead to staining.

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Molding to be pressed in Optional)

Metal 'L' Bracket

1/2"
(12.7mm)

GlasPro-BP
PANEL

1/2"
(12.7mm)
Silicone
Adhesive

Adhesive must be
an approved
Neutral Cure Silicone

Wall Base

Silicone Caulk
Perimeter Seal
Neutral Cure
Silicone ONLY!

1/2" (12.7 mm)

Sealant
Actual Size

Metal 'L' Bracket

Baseboard
(Optional)

Front View

Side View

Note:

MAGNETIC GLASS PANELS REQUIRE BRACING UNTIL CURED.

Allow seven (7) days for adequate cure of sealant before application of perimeter seal.

Consult with manufacturer to ensure that all sealants are compatible with one another.

DO NOT exceed recommended sealant amounts!

Excess may hinder cure and may lead to staining.

Vertical sealant only!