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GLASSKOTE INSTALLATION INSTRUCTIONS

GlassKote™ is a highly durable colour treatment for glass. The colour coating is applied to the BACK (#2 surface) of the glass, and the colour is viewed through the glass.

While the coating is durable, it can be intentionally scratched or damaged, and care must be taken during handling and installation. This is especially true for newly coated panels, as the coating continues to cure and harden for up to 3 months after manufacture.

Handling GlassKote™

The coated side of the glass should be treated with care. Sharp objects and heavy abrasion must be avoided. In addition, chemicals and cleaners should not be used on the coating. While the coating has excellent chemical resistance, prolonged chemical contact can cause coating issues or discolouration. Please note that any warranty on the product is void if the material is mishandled before, during or after installation. GlassKote™ panels should not be exposed to temperatures in excess of 150°F. Finally, edges are the weakest point on a panel of glass, so care must be taken to avoid chipping or breakage.

If using cork pads to separate lites of glass, the adhesion / sticky side of the pad should be placed on the GLASS side (not the coated side) of one lite, with the non-adhesive side of the pad resting on the coated side of the adjacent lite of glass. The adhesive pads should not be applied directly to the coated side of the glass.

Transport of the glass should be done as in good common glass practice to prevent any scratching of both side and damage due to fastening equipment. On site storage needs to be in such conditions deemed safe for normal glass practice. Dry storage is necessary for a GlassKote™ coated panel.

Mounting Surface Preparation

Light colours such as white, beige etc. have a degree of translucency. It is important to avoid high contrast visual patterns behind the glass to prevent any possible “bleed” through once the glass is installed. Therefore, it is recommended that the GlassKote™ panel has a grey backing applied to prevent transparency.

This is always true in the case of metallic applications. It is also important that the surface is prepared for the adhesive that will be used to mount the glass. It is usually sufficient to prime or paint the surface (see instructions provided by adhesive manufacturer).



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Installation Materials

GlassKote™ is affixed to a wall or other structure using an adhesive. The preferred adhesive is neutral-cure silicone.

DO NOT USE LIQUID NAILS OR OTHER CONSTRUCTION ADHESIVE.

Installation Technique

The selected adhesive is applied to the back of the GlassKote™ panel (on the coated side) by placing small balls or strips of adhesive 30 – 45cm apart. Generally a golf-ball size of sealant is used at each location. The panel is then pressed onto the wall to which it is to be installed, and the sealant will flatten out against the wall. When properly positioned, the panel will be a small distance off the wall surface (to allow for good sealant strength and due to wall inconsistencies). Care should be taken to check the angle of the panel relative to the vertical to ensure the reflection is oriented correctly. This can be done by eye or with a level on the surface of the glass. The glass can be repositioned as necessary while the adhesive sets up using a suction cup device.

Depending on how the panel is installed, it may be desirable to equalize the small gap on top of the glass and below the glass. This can be accomplished by cutting thin glazing blocks from translucent plastic or neoprene, and using the glazing blocks to space the glass above the surface on which it is resting. The glazing blocks can be left in place when the seam is later sealed, and will be invisible.

Multiple panels are ideally installed with a small gap between panels, to allow for settling and to ease the job of sealing seams. Ideally, all seams should be sealed after the glass is installed. Seams are sealed with clear silicone adhesive. This prevents water or other chemicals from finding their way behind the panel and either damaging the coating or affecting the wall or other construction. SEALING SEAMS IS MANDATORY IN WET AREAS such as a Kitchen backsplash.

To easily seal the seams, run a bead of silicone, and if the bead needs to be smoothed, spray the bead (and glass) with mist of water, and then when the bead is smoothed, the silicone will not stick to the glass as it overflows the seam.

If silicone is accidentally placed on the surface of the glass, it is easiest to wait for it to dry and then remove it. Exposed edges should be sealed with a high quality acrylic sealant instead of silicone, so that the caulking can be painted to match the wall colour (silicone is usually not compatible with paint).

If a panel is to be installed “free floating” and not resting on a surface, some form of mechanical support (L-channel or mirror brackets) should be utilized. After installation, the GlassKote™ panels should not be touched for 1-2 days, depending on the cure time for the adhesive which was utilized.



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Care-After Installation

After installation, the front surface (non coated side) of GlassKote™ panels should be cleaned in the same manner as any high quality architectural glass product. Mild, non-abrasive cleaning products such as water should be applied to a soft cloth which is then used to wipe down the glass. Cleaners should never be sprayed directly on the glass.

Applicable Protection Coatings: Diamon Fusion is the recommended protective treatment for glass to have a Hydrophobic coating for domestic and architectural products.