

TECHNICAL LETTER—SURFACE PREPARATION

Surface Preparation to Ensure Optimum Adhesion

Protecto Wrap Company self-adhered membranes are to be applied to a smooth, sound, clean and dry surface. Prior to application of any self-adhered membrane, remove any dirt, dust and debris from surface. All protrusions should be removed, ground flush or struck. Surfaces shall have no voids and shall be supported. Damaged or unsupported areas shall be repaired prior to application of the self-adhered membranes.

Priming is generally not required to achieve optimum adhesion provided the substrates are in satisfactory condition; however, some substrates might require primer to achieve optimum adhesion depending on the membrane being used. These substrates include but are not limited to concrete, masonry and DensGlass Gold®.

Protecto Wrap membranes using Super Stick Adhesive Technology can be applied to most surfaces without the use of primer or mechanical fasteners. While membranes with Super Stick Adhesive can be applied to damp surfaces, they should not be applied to visibly wet, frost covered, or frozen surfaces. In applications where membranes using Super Stick Adhesive are to be applied on concrete and/or CMU surfaces which are dusty, Protecto Wrap recommends cleaning and conditioning the surface with Protecto Universal Water Based Primer before applying the membranes. Masonry joints must be struck full-flush on Block applications. Parging of Block Walls in lieu of Priming is also acceptable.

Metal surfaces may need to be solvent wiped and/or abraded to achieve optimum adhesion. Make sure the solvent has dried or flashed off prior to applying Protecto Wrap membranes. Wear the appropriate personal protective equipment when handling solvent based liquids.

Protecto Wrap Company recommends on-site testing of its membranes for adhesion prior to final application. If adhesion to the tested substrate is marginal, a primer should be used to achieve adequate adhesion. Please reference our **Technical Letter - Product/Primer Recommendation** to help in selection of a primer suitable for the application.

- **Building products primer recommendations can be found @:**
- https://protectowrap.com/wp-content/uploads/2022/06/Building-primer_recommendations-2022-6122.pdf
- **Flooring Products primer recommendations can be found @:**
- https://protectowrap.com/wp-content/uploads/2020/09/Flooring-primer_recommendations-2020-9-16.pdf

For application recommendations regarding temperatures, see Cold Temperature Applications @ <https://protectowrap.com/library-resources/#s8>

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