Date: 06/09/2026

RE: Installation of FRP as a Ceiling Application

Fiberglass Reinforced Polyester (FRP) Panels can be installed as a ceiling application. There must be a solid substrate (eg: Plywood, Drywall, etc) that is free from dust, dirt, and debris. FRP cannot be installed directly to the trusses and must be properly adhered to the substrate using the proper adhesive and trowel size.

When installing FRP as a ceiling application the use of drive rivets is required. We recommend stapling the moldings into place along with proper installation of the drive rivets in order to ensure a successful install. Our standard installation guide must be followed for proper panel spacing and proper adhesive usage. As the installation guide states we recommend a minimum of 1/8” space inside the moldings to allow for proper expansion and contraction of panels.

While the adhesive has a great initial bond of the panel to the substrate gravity will overcome the bond before the adhesive has enough time to properly cure, therefore, the use of drive rivets is required. FRP installed as a ceiling application without the use of drive rivets will void the warranty of the product.

Technical Services Department.

800.377.1221 1 Marlite Dr., Dover, OH 44622
info@marlite.com marlite.com

Date: 06/09/2026

RE: Installation of FRP in a Car Wash

FRP may be used to line the walls of car washes. Due to the fact the area will not be climate controlled the panels will expand and contract. Because of the expansion and contraction of the panels the use of our drive rivets to securely fasten the panels to the walls will need to be followed. Should the panels become “loose” on the walls this would not constitute as a product failure nor be a warranted issue.

Marlite Brand FRP Installation guide must be followed in order to achieve the best application of the panels.

Per our installation instructions the use of moldings along with all the seams and joints need to be sealed with silicon sealant to offer a water tight application.

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Date: 06/09/2026

RE: Installation of FRP in a Freezer or Cooler

Marlite Brand FRP may be installed in a Walk-in Freezer or Cooler as long as the following precautions are taken:

The temperature of the FRP, Adhesive and Freezer/Cooler should be at a temperature of 50° for higher. For the best results the temperature should be at or near 70°. FRP should be installed on Freezers/Coolers with solid substrate walls. FRP should NOT be installed directly over the Freezer/Cooler insulation. This insulation does not provide a solid surface for the adhesive to bond to.

Due to the colder temperatures panels will initially contract; therefore the use of Drive Rivets is recommended to aid in securing the panels to the walls. Silicon Sealant must be used in all moldings to create a sealed system so moisture or condensation cannot get behind the panels. Should the panels become “loose” on the walls this would not constitute as a product failure nor be a warranted issue.

It is imperative that the Titebond Advanced Polymer Panel Adhesive be used in this application. The adhesive must be applied using the cohesion method as described in our standard FRP installation guide.

The Marlite Brand FRP Installation guide must be followed in conjunction with this document in order to ensure best results.

Please contact your nearest Marlite Customer Service Office or your Marlite Sales Rep for any additional questions you may have.

Thank you for your interest in Marlite Brand Products!

Marlite Technical Services Department

Date: 06/09/2026

RE: Installation of FRP in a shower

FRP (Pebbled, Smooth) may be used to line the walls of a shower. FRP is a non-homogenous product that is not affected by water or moisture. In order to ensure the best results the Marlite Brand FRP Installation Guide must be followed.

Per our installation instructions moldings must be used along with all the seams and joints sealed with silicon sealant to offer a water resistant application as described in our installation guide. In addition to sealing the edges, the use of advanced polymer adhesive is recommend for this application.

Please note that the temperature of the water could cause the panel to prematurely age or slightly yellow over time. Should this occur Marlite would not consider this a product failure and will not support warranty claims.

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info@marlite.com marlite.com