



## Moisture Resistant Substrates

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Moisture-resistant gypsum varies tremendously. While some of these new surfaces allow moisture to penetrate, others retard or totally prevent penetration of water or solvent. Testing by Crane Composites indicated that when water based or solvent based FRP adhesives are used in conjunction with moisture resistant gypsum the adhesive's ability to cure is severely compromised in the crucial first 24 hours of installation and the potential for a successful installation is greatly diminished. Franklin International and the construction trade are becoming exposed to an increasingly large number of new types of moisture resistant gypsum from the drywall industry. Given these two facts, it is recommended that Franklin International's Technical Support Department be consulted prior to any FRP installation over wall substrates other than standard gypsum.

Standard gypsum is Crane Composites preferred substrate choice when installing FRP wall panels. FRP offers resistance to mold, mildew, and bacteria growth and has a high impact strength, high moisture resistance, chemical resistance and stain resistance.

A moisture resistant substrate may not be necessary when an FRP finish is specified. However, should a moisture resistant gypsum be required please contact either Franklin or another adhesive supplier to review the proposed substrate and obtain a recommendation on appropriate adhesive for that type of substrate surface prior to installation.

**Crane Composites will not be responsible for failed installations due to lack of bond strength between the adhesive and the substrate.**

### **Please Do Not Hesitate To Contact:**

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