



Wall preparation for Self-adhesive Wall Graphics

Thank you for choosing Imagination Dental Solutions!

We appreciate your choosing our high quality product and know you made the best choice. Your wall murals will be custom designed and manufactured using premium quality products. We want you to be satisfied with the quality and durability of your wall graphics for many years to come so we have prepared this bulletin to provide guidance for the wall preparation. Please share the following information with your contractor.

Ideal paint for wall graphic application is semi-gloss latex and it is important to know certain latex paints that have **stain or mildew resistant additives can cause wall graphic adhesion failures and should not be used**. It is also very important that the latex paint **does not contain silicone, Teflon or any anti-graffiti additives. These parameters are set by 3M, not IDS.**

For your wall preparation we recommend using a combination of ***Kilz Premium Interior/Exterior Water-Based Primer*** and ***Sherwin-Williams ProClassic Acrylic Enamel Interior paint with semi-gloss finish (see spec sheets)***. Please note that paints that have a matte, satin, high-gloss finish or that involve texturizing additives are not suitable for wall graphic application. For the ideal application walls must be smooth and have no texture. Existing peeling or checked paint should be scraped and sanded to a sound surface. Any holes or dents must be repaired or patched and all dust, dirt or other contaminants on the walls should be cleaned before applying primer or paint. If installing new wallboard, mud must be sanded and completely dry before priming and painting. Moisture content of wallboard should be less than 14% before primer/paint is applied to surface. **Please also note that the paint needs to be rolled onto the wall, not sprayed.**

Please closely follow the manufacturer's instructions and cure times for the primer and paint. Note that cure times for the primer and paint are temperature, humidity and film thickness dependent. Do not put paint on the primer if the primer is not completely cured.

Please note that freshly painted walls are not suitable for wall applications. **It is important to complete the paint job a minimum of three weeks prior to the wall graphic application and let the walls fully cure. Vinyl graphics tend to bubble and release from the wall if the paint is still in the curing process.**

When installing vinyl wall murals, flooring, baseboards, window and door casings must be installed first. Preferably the building should be done all interior construction. However, if the building is still under construction and contractors are still working it is important to be aware when the vinyl installer is on-site the interior needs to be kept dust free and clean.

Temperature and humidity can also affect the vinyl graphics during installation. High humidity can extend the curing time for the wall paint and can also cause softening of the vinyl during installation so it is important the humidity is under control. The building interior should have climate control (air conditioners, heaters, etc.) in working order to ensure the interior has sustained normal room temperature and humidity for at least a few days before installing the vinyl murals. The ideal temperature range for vinyl installation is 66-72 degrees (F).

Best Regards,

Imagination Dental Solutions Team