



SurfaceOne

DIGITALLY PRINTED HYGIENIC WALLS

Product Overview

The GSF SurfaceOne digitally printed wall panel provides customers with a versatile solution for interior design. This product allows for a complete customization, enabling users to create their own panel designs using printed images, matched Pantone colors, or by mimicking the appearance of colored glass tile. The panels can be installed as full wall coverings or used to create striking accent walls.

Storage and Handling

All GSF materials, including panels, adhesives, sealants, and accessories, must be stored within a temperature range of 68°F (20°C) to 80°F (27°C). Before installation, these materials should be acclimated to the room in which they will be installed for a minimum of 24 hours. GSF SurfaceOne panels should be kept on a flat, level surface above ground level to prevent condensation. Panels must not be placed on damp surfaces, as this may cause moisture accumulation. Avoid standing panels on their sides against walls or placing them on uneven surfaces, as this can lead to edge distortion or damage.

Limitations

GSF SurfaceOne panels are designed to be compatible with most surface types. However, they must not be installed in proximity to heat sources such as steam kettles, pizza ovens, cooking ranges, steam rooms, or any environment where exposed flame or high temperatures may occur. Exposure to severe heat or open flame can result in panel distortion. It is critical that GSF SurfaceOne panels are not subjected to temperatures exceeding 140° F (60° C).

Suitable Substrates

Prior to installation, ensure that walls are straight within 1/8" over a span of 6 feet. The following substrates are suitable for GSF SurfaceOne panels:

- Drywall
- Cement Board
- Underlayment-grade plywood
- MDF panels that comply with local building codes
- Existing ceramic tiles, provided they are securely bonded. Any missing or loose tiles must be removed and the voids filled with an appropriate moisture-resistant patching compound.

All substrates should be smooth, structurally sound, primed, and free of dust.



Gemini Specialty Finishes

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Wall Substrate Preparation

All surfaces must be prepared to ensure smoothness, structural integrity, dryness, and absence of contaminants. It is important to check the flatness of the walls, particularly at seam locations, as seams must be perfectly flat to ensure a successful fit and installation. Gypsum wallboard (GWB), joint compound, and other porous substrates must be primed and allowed to dry thoroughly. Existing wall tiles should be cleaned using trisodium phosphate (TSP) or an equivalent cleaner to remove soap scum and other contaminants, then rinsed with clean water and allowed to dry completely. Solvents should not be used for cleaning, as they may compromise bonding. Any loose tiles must be secured or repaired to ensure a sound substrate.

Installation Guidelines

Dry Fit Panels: Before commencing installation, panels should be dry fitted to ensure proper alignment and fit.

Thermoformed Panel Installation: If the installation includes thermoformed panels, these should be installed by qualified installer to maintain order and the integrity of the finished wall.

Weld Options: Panels may be joined using either heat weld or cold weld techniques. When welding, a clear weld may offer a seamless appearance.

Butt Seam Installation: Butt seams are the preferred method of joining the digital image panels. Each seam requires a 2"(5.08cm) wide foam tape to ensure flush finish.

Adhesive Application: Apply a full spread adhesive using KE68T, using a 1/8" (3mm) square notch trowel for optimal adhesion and coverage.

Finishing: Complete the installation by applying a clear sealant around the perimeter of the panels for a finished look and prevent moisture ingress.

Drilling Precaution: Avoid drilling holes through the panels unless absolutely necessary for equipment installation, as any holes created cannot be repaired.

Best Practice: It is recommended to install the panels only after all other trades have completed their work to ensure a clean and unobstructed installation process.

Optional Accessories: Kuberit Profile Trims, available in various finishes. Finishing Edge, Internal Corner and External Corners. Reach out to your GSF rep for more details.



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