# GERFIX 505 SPM WALL PANELS ADHESIVE
# TECHNICAL DATASHEET

## 1. DESCRIPTION

**1.1.** Gerfix 505 wall panel adhesive has been specifically formulated as a bonding agent for Gerflor SPM wall panels.

## 2. FEATURES AND BENEFITS

**2.1.** Exceptional wet grab to hold wall panels firmly in place

**2.2.** Light in color; non-staining

**2.3.** Low odor

**2.4.** Low VOC content

## 3. WHERE TO USE

**3.1.** Use to install Gerflor SPM wall panels to approved substrates.

## 4. LIMITATIONS

**4.1.** Do not install over any substrates containing asbestos.

**4.2.** For interior installations only

**4.3.** Do not install over nonporous paints, wallpapers, vinyl wall coverings, laminates, ceramic tile, metal or similar nonporous wall finishes.

**4.4.** Use only when the substrate temperature is between 50°F and 90°F (10°C and 32°C).

## 5. SUITABLE SUBSTRATES

**5.1.** Gypsum wallboard with paper intact

**5.2.** Gypsum and cement-based wall-patching compounds that are hard, durable, well-bonded and fully cured

**5.3.** Exterior-grade plywood, Group 1, CC type

**5.4.** Fully cured smooth masonry and concrete walls as recommended by the panel manufacturer.

**5.5.** Consult the manufacturer's Technical Services Department for installation recommendations regarding substrates and conditions not listed.

## 6. SURFACE PREPARATION

**6.1.** All substrates must be structurally sound, dry, solid and stable.

**6.2.** The substrate should be clean and free of dust, dirt, oil, grease, oil- or epoxy-based paint, curing agents, concrete sealers, loosely bonded patching compounds, loose particles, old adhesive residues, and any other substance or condition that may prevent or reduce adhesion.

**6.3.** All surfaces must be level, even, flat and smooth.

**6.4.** Masonry and concrete walls must be free of hydrostatic pressure and moisture issues.

## 7. MIXING

**7.1.** Choose all appropriate safety equipment before use. Refer to the Safety Data Sheets for details.

**7.2.** Ready to use, no mixing is necessary

## 8. PRODUCT APPLICATION

**8.1.** Read to the manufacturer's guidelines for acclimation requirements and complete installation instructions. Read all installation instructions thoroughly before installation.

**8.2.** Cut and pre-fit panels, and then acclimate to ambient room conditions for 12 to 24 hours before installation. Install SPM wall panels in strict accordance with manufacturer's written instructions.

**8.3.** Select the appropriate notched trowel per recommendations from the wall panel manufacturer (see the "Approximate Coverage" section for the suggested trowel).

**8.4.** Spread adhesive evenly over the panel, keeping the trowel at a 45-degree angle and leavingno voids or buildups of adhesive.

**8.5.** Position and press the panel firmly on the wall or ceiling, working from the center out using a hand-held roller to ensure that the entire back panel is in contact with the wall or ceiling.

**8.6.** Temporary bracing may be required if wall panels are not straight.

## 9. CLEANUP

**9.1.** Promptly clean any adhesive smudges from the panel's surface with water while the adhesiveis still wet. Clean tools with water while the adhesive is still wet.

**9.2.** Clean any adhesive smudges with mineral spirits once the adhesive has dried. Use caution with mineral spirits, which may be harmful to some materials.

**Note:** Refer to technical and safety data sheets for complete information regarding uses,applications, limitations and safety.

## 10. PROTECTION

**10.1.** Protect the finished installation from light traffic for at least 12 hours and from heavy traffic for at least 24 hours.

## 11. SHELF LIFE AND PRODUCT CHARACTERISTICS

**11.1.** Shelf life: 2 years when stored in original, unopened packaging at 73°F (23°C)

**11.2.** Storage conditions: 40°F to 100°F (4°C to 38°C)

**11.3.** Do not freeze.

**11.4.** 4 U.S. gals. (15,1 L)

## 12. GENERAL PRECAUTIONS

**12.1.** Protect containers from freezing in transit and storage. If frozen, material should not be stirred until it has completely thawed. Provide for heated storage on site and deliver all materials atleast 24 hours before work begins.

| Application Characteristics over Porous Substrates | | |
|---|---|---|
| | **Flash Time*** | **Working Time**** |
| FRP Panels | 0 to 10 minutes | 10 to 30 minutes |

\* Flash Time is the waiting time required before installing wall panels.

\*\* Working time is the window of time for the adhesive to accept wall panels.

**Note:** Flash time and working time may vary based on temperature, humidity, substrate porosity,trowel size and jobsite conditions.

## 13. Approximate Coverage*

| Installation Type | Typical Trowel | Coverage |
|---|---|---|
| Walls | 3/32" x 3/32" x 3/32" V-notch trowel (2.5 x 2.5 x 2.5 mm) | 70 to 80 sq ft / 1 U.S. Gal (1.72 to 1.96 sq meter/L) |

\* Trowel dimensions are depth/width/space. The substrate condition has a direct effect on adhesive consumption. Coverage shown is for estimating purposes only. Actual job site coverage may vary according to substrate conditions, type of trowel used, trowel angle used, and setting practices.

For any information, please refer to Gerflor Technical Services.

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