

Traxx GPF Adhesives

Purpose & Areas Of Use:

High strength thixotropic construction adhesives for use with all common building materials, where ease of use and consistent curing are required. Full cure and early strength development requires one of the adhering surfaces to be porous. Can be used for prefabrication and in-situ work on horizontal and vertical surfaces.

Product:

GPF Adhesive: A clear unfilled thixotropic single component thermoset polyurethane adhesive.

GPF-2 Adhesive: A filled thixotropic single component thermoset polyurethane adhesive. For gap filling on profiled surfaces, where bond line thickness may vary.

Process Compatibility:

Use a primer/sealer under waterborne interior finishes.

Colour:

GPF Clear. Can be tinted on special order.
GPF-2 Cement grey. Can be tinted on special order.

Standard Pack:

1 and 4 litre metal D/T cans.

Physical Properties:

Liquid Material:	GPF	GPF-2
Solids (% by volume):	100%	100%
Specific gravity:	1.10	1.50
Flash point:	65°C	65°C
Shelf life:	12 months	12 months
Cured Material:		
Bond strength:	7.5N/mm ²	7.5N/mm ²
Compressive strength:	45N/mm ²	45N/mm ²
Chemical resistance:	Excellent	Excellent
Water resistance:	Excellent	Excellent

Surface Preparation:

All surfaces must be clean and dry.

Application Method:

Apply direct from the container using a spatula or pointed trowel. Spread over the backing surface with a serrated trowel, generally:

GPF 3 mm V-notch trowel or spreader
GPF-2 3-4 mm square notch trowel

Spreading rates will vary, depending on the surface profile, and also the profile of the surface being adhered. Allow between 0.5 and 1.0 sqm/litre for **GPF-2** and 0.8-1.5 sqm/litre for **GPF**. In non-critical applications, particularly with insulation materials, a spot-stick technique can be used.

GPF and **GPF-2** will foam slightly on cure, particularly where exposed to air. When adhering tiles which are to be grouted, wipe down gaps to remove adhesive between tiles.

Allow surfaces to cure 6-24 hours before moving.

Note: These materials will cure on exposure to atmospheric moisture. Keep containers tight-closed when not in use - and keep closure surfaces clean at all times.

Clean Up:

Clean gear with Xylol immediately after use. **GPF** and **GPF-2** adhere tenaciously to all surfaces except high density Polyethylene, Polypropylene and Teflon. Keep tools in solvent during spells in work.

Health And Safety:

This material is moisture sensitive. All normal precautions for handling solvent-borne materials must be observed including:

- Storage in cool dry conditions away from naked flames.
- No smoking in area while handling or applying **Traxx GPF** or **GPF-2**.
- Use of barrier cream on exposed skin.
- Use of solvent cartridge mask and safety goggles while handling material.

Note: This material contains a small proportion of free isocyanate monomer with very low vapour pressure. For normal application it presents a very low health hazard, but in some countries special handling regulations may pertain. Keep away from foodstuffs.

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