



# FS-900

## The Ultimate Adhesive For Flexible Vinyls

### Product Description

**FS-900** is a REVOLUTIONARY non-flammable, high strength, flooring adhesive in a canister system. Developed for versatility, with a practical open time and high tack level, **FS-900** achieves exceptional bonds on a wide range of flooring materials. The unique resin formulation of **FS-900** ensures a highly plasticiser resistant bond can now be achieved on most flexible vinyl flooring materials. **FS-900** will effectively bond most common substrates associated with flooring and wall linings. Low odour formula reduces issues associated with site work.



### Benefits of Flexispray 900

- > Highly plasticiser resistant
- > Easy to apply while standing, no trowelling whilst on your knees
- > Portable, take anywhere
- > No outside power source required
- > Adjustable Spray Pattern
- > Non-flammable adhesive
- > High solids formula
- > Up to 230sqm coverage
- > Excellent adhesion for a variety of materials, including vinyl, rubber, concrete, timber and much more.
- > Tenacious bond strength
- > Low odour
- > Reduced clean-up time
- > Repositionable up to 10 minutes
- > High Solids
- > Fast drying with long open time
- > Excellent heat resistance

### Sub floor Preparation

Prior to applying FS-900 each sub-floor shall be inspected to ensure that it is level and smooth, clean and dry, and free of dust, dirt, paint, adhesive, oil, grease and any other contaminants that may adversely affect the integrity or performance of the FS-900 adhesive.

#### A.) Concrete

New concrete must be cured, clean and dry. At least 90-120 days are to be allowed for a concrete slab to cure and reach an acceptable dryness. The slab must be free of any curing and parting agents that may interfere with the bonding of the adhesive. In order to prevent installation issues, caused by moisture or alkali, the owner or contractor/builder is responsible for providing documented test results relating to the concrete slab, prior to commencing any installation procedures. **Prior to installation, the relative humidity must not exceed a 'Hygrometer' reading of 70% and the pH value must not exceed 9.** Moisture test results obtained from an electrical resistance metre that only uses non-penetrating surface contacts and not in-situ probes (inserted electrodes), will not be considered a valid test method.

Depressions and cracks should be filled with a compatible latex patching or levelling compound, in accordance with the manufacturer's instructions.

Due to their porosity; new concrete floors or floors where a patching/ levelling compound has been used, including existing old porous floors must be primed.

#### B.) Timber

Hardwood, plywood, chipboard, medium density fibreboard (MDF) and medium density fibrous sheet used as sub-flooring must be of flooring grade and installed to manufacturers specification. Old finishes and adhesive on existing timber floors must be removed.

Due to their porosity; all porous timber sub-floor areas must be primed.

### Site Conditions

The installation site must be acclimated with HVAC in operation and maintaining ambient temperature between 15°C - 32°C and a relative humidity of 30% - 65%. The temperature and relative humidity must remain within this range for the entire installation period and for a minimum of 48 hours after installation is completed. Sub-floor moisture and alkalinity must be tested in accordance with current industry standards, and floorcovering manufacturer's guidelines.

### Directions for Use

Shake well before using. Bonding surfaces should be free from dust and debris. For best results, use at temperatures above 10°C. spray from a distance of 150mm – 250mm, keeping the tip moving in order to get an even webbing of adhesive on the surface to be bonded. For a permanent bond, apply adhesive to both surfaces and allow 2 mins. to dry. Bond with even pressure along the entire bonding surface.

FS-900 is not designed to provide permanent bonds in areas that are exposed to direct sunlight or extreme temperatures. To remove excess adhesive or overspray, use a petroleum solvent or similar adhesive remover product, before adhesive cures.

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