



# STANLEY® FA 190P FOAM ADHESIVE SUBFLOOR PRO™



## DESCRIPTION

STANLEY FA 190P FOAM ADHESIVE SUBFLOOR PRO is a next-generation, one-component polyurethane-based foam adhesive designed for the installation of OSB, plywood, treated lumber, composite decking, and a wide range of other construction materials. Engineered to prevent floor squeaks and reduce air leakage, this innovative adhesive is applied as a foam, which initially collapses into a gel form. Over the next 24 hours, it re-expands to fill gaps, cracks, and inconsistencies in the substrate, creating a durable, rock-solid bond between the subfloor and joists. This ensures a long-lasting, secure installation with enhanced structural integrity.

## PROPERTIES & FEATURES

- High Coverage:** One can of STANLEY FA 190P can replace up to 22 standard 9.5 Fl. Oz. cartridges of traditional caulk adhesive, offering significant cost and time savings.
- Superior Bond Strength:** Delivers an extremely strong bond, ensuring long-lasting performance.
- Versatile Application:** Adheres effectively to dry, wet, treated, and even frozen lumber, making it suitable for a wide range of conditions.
- Reduces Floor Issues:** Helps to eliminate nail pops, callbacks, and squeaks, ensuring a quieter, more stable floor system.
- Time and Cost Efficiency:** Saves both application time and material costs compared to traditional adhesives.
- Thermal and Sound Insulation:** Provides excellent thermal and sound insulation properties, contributing to a more energy-efficient and quieter living environment.

## APPLICATION

- Versatile Applications:** Suitable for a wide range of construction materials, including lumber, plywood, concrete, metals, masonry, steel, fiberglass, and more.
- Ideal for Structural Bonding:** Perfect for bonding floor joists, subflooring, trusses, and other wood floor sheathing, ensuring a strong and durable connection in critical areas.

## PRODUCT INFORMATION

PACKAGING	Net 24 Fl.Oz. / 600 ml / 680 g
	12 pcs in box
SHELF LIFE	12 Month
STORAGE	In a cool and dry environment, between +41°F to +86°F. max. 60% relative humidity.
SKU	SXAD 2015-01

## DIRECTION FOR USE

- SURFACE PREPARATION:** Ensure that the surfaces are of good quality, clean, dry, and free from dust, grease, rust, and other contaminants that can impact adhesion. You can sprinkle the working surface with water (using a gardening sprinkler, for example) at a temperature above 32°F.
- PRODUCT PREPARATION:** If the foam can is too hot or cold, bring it to room temperature. This can be done by immersing the can in cold or warm water or leaving it at room temperature for at least 24 hours. The optimal temperature for the can is 68°F.
- APPLICATION METHOD / TOOLS:** Put on protective gloves. Shake the can well before use. Screw the can onto the applicator. Hold the can upside down and activate the foam by pressing the valve. Always handle the canister with the valve pointing downwards. Moisturizing the surfaces and the foam improves adhesion and shortens curing time. Dispense a uniform 0,3-0,5 inch bead on the center of all floor joints and apply two beads side by side or one 12mm in zig-zag pattern where panels butt together. For best results, let adhesive flatten for 3 minutes before attaching subfloor decking and minimize gaps between substrates immediately. Do not fill the entire gap – the foam will increase in volume.
- TOOLING AND FINISHING:** Immediately after full foam hardening, it should be secured against exposure to UV rays by using e.g. plaster or paints. The manufacturer recommends using the entire can without stopping more than 5 minutes between spraying due to foam drying in the applicator.
- CLEANING:** Fresh foam should be cleaned with Foam Cleaner. Cured foam can be cleaned barely mechanically.



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## KEY FEATURES

- HIGH BONDING STRENGTH**
- SUBFLOORS, DRYWALL & FOAM PANELS**
- EXCELLENT ADHESION**



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## TECHNICAL DATA

PARAMETER	TEST METHOD / CONDITIONS	VALUE
BASIS		Polyurethane Prepolymer
CURING MECHANISM		Moisture Cure
CURING TIME		24 hours
FOAM COLOR		Light Yellow
METRIC YIELD		394 feet in (0,4 inch) bead
FIRE BEHAVIOUR	DIN 4102-1	B3
TACK-FREE TIME	ASTM C1620 – TM 1014: 2013*	7±2 min
CUTTING TIME	ASTM C1620 – TM 1005: 2013*	≤40 min
CANISTER/APPLICATOR TEMPERATURE	Optimal 68°F	Between +41°F and +86°F
TEMPERATURE RESISTANCE	Cured Foam	Between -103°F and +239°F
APPLICATION TEMPERATURE	Ambient and surface	Between +21°F and +86°F

## LIMITATIONS

- The curing process depends on temperature and humidity. Decreasing ambient temperature below the minimum application temperature within 24 hours after application can impact the quality and effectiveness of the seal.
- Rushed surface preparation can cause irreversible changes in the foam structure and affect its stability and utility parameters.
- The quality and condition of the applicator used can impact the final product's properties.
- The foam should not be used in poorly ventilated areas without fresh air or in places exposed to direct sunlight.
- Working with the foam in any other position than "valve facing down" will reduce its effectiveness.
- Cured foam may discolor when exposed to ultraviolet light.
- For outdoor applications, it is recommended to paint or coat the cured foam for optimal results.
- Lower temperatures will decrease the yield and curing time.

## SAFETY

Contains Diphenylmethane-4,4'-Diisocyanate. Harmful if inhaled. Irritating to the eyes, respiratory system, and skin. Avoid breathing the spray/vapor. Wear suitable protective clothing and gloves. Use only in well-ventilated areas. Pressurized container. Keep away from direct sunlight and do not expose to temperatures over 122°F. Do not puncture or burn, even after use. Keep away from sources of ignition and do not smoke. Keep out of the reach of children.

## DISCLAIMER

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product. Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions. The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.

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## BEST TO USE WITH



SKU NUMBER	PRODUCT NAME
SXAC0421-01	PRO FG-1 Pro Foam Gun
SXPF3014-01	T244 Special Care Foam & Gun Cleaner