



COLOSSAL 117-AUTA ADMIXTURE FOR URETHANE TURF ADHESIVE

PRODUCT DATA SHEET

623 Chatsworth Hwy 225

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DESCRIPTION

Colossal 117-AUTA Admixture for Urethane Turf Adhesive is an additive designed for Colossal 117-UTA Urethane Turf Adhesive to allow for quicker setting and curing times. *Colossal 117-AUTA* is ideal for temperatures below 50°F (10°C) to allow Colossal 117-UTA to achieve standard curing rates. At a wide range of ambient temperatures, the curing time can be shortened to allow for faster installs and repairs.

FEATURES AND BENEFITS

- No effects on trowelability or viscosity
- Accelerated curing times in wide temperature range
- Excellent for quick installs and repairs

WHERE TO USE

- Interior and exterior synthetic turf applications
- Professional and educational sports field arenas
- Commercial and residential landscaping applications of synthetic turf

LIMITATIONS

- Install only in areas recommended by the turf manufacturer.
- Use only when the ambient temperature is between 32°F and 95°F (0°C and 35°C). Temperatures in excess of 95°F (35°C) will greatly reduce the pot life.

SUITABLE SUBSTRATES

- Colossal 117-LTT Laminin Turf Tape or manufacturer-recommended seaming scrim
- Concrete
- Existing cured asphalt pavement in good condition

Consult your Laminin sales representative for installation recommendations regarding substrates and conditions not listed.

SURFACE PREPARATION

- All substrates must be prepared in accordance with the artificial turf manufacturer for the type of intended use and must comply with current regulations or standards.
- All substrates must be structurally sound, dry, solid and stable.
- Substrate should be clean and free of dust, dirt, oil, grease, paint, curing agents, concrete sealers, loosely bonded toppings, loose particles, old adhesive residues, and any other substance or condition that may prevent or reduce adhesion.

MIXING

Before product use, take appropriate safety precautions. Refer to the Safety Data Sheet for details.

1. *Colossal 117-AUTA* is packaged to exact quantity ratios for maximum performance with a 2-gallon (7.57-L) kit of Colossal 117-UTA.
2. Protect mixing area from adhesive spills.
3. To mix Colossal 117-UTA, pour all material out of the Part B container into the Part A container.
4. Place the cap back on the Part B container and turn the container upside-down to ensure that all remaining material drains into the cap. Pour the remaining material into the Part A container.
5. Pour all material out of the Colossal 117-AUTA container into the Part A container. Place the cap back on the *Colossal 117-AUTA* container and turn the container upside-down to ensure all remaining material drains into the cap. Pour the remaining material into the Part A container. Note: Always mix complete units. Do not add other materials to mixture.
6. Use a low-speed mixer (< 300 rpm) to ensure that the material is mixed thoroughly to a smooth, homogenous paste consistency (generally within 3 minutes). Immediately after mixing, apply the adhesive to the substrate.
7. Wash all tools with mineral spirits immediately after mixing. Once cured, *Colossal 117-UTA* can be removed only by mechanical means.

PRODUCT APPLICATION

Read all installation instructions thoroughly before installation.

1. Artificial turf must be unrolled and acclimated per the manufacturer's written instructions to allow reduction of internal tensions caused by packaging and transport.
2. Select the appropriately notched trowel (see the "Approximate Coverage" section).
3. Spread adhesive evenly over the substrate or seaming scrim, keeping the trowel at a 45-degree angle.
4. Only apply as much adhesive as can be installed within the relevant time span on the "Application Properties" chart below.
5. Install turf in strict accordance with the turf manufacturer's written instructions.
6. Adhesive transfer to the backing should be confirmed periodically by lifting the turf material.

Note: Weights may be required on turf seams to ensure proper bonding and even thatch heights.

CLEANUP

- While the adhesive is still fresh, promptly use mineral spirits to clean adhesive smudges from the flooring material's surface and the tools.
- Once cured, the adhesive can only be removed by mechanical means.

PROTECTION

- Protect from light traffic at least 12 hrs and heavy traffic at least 24 hrs.
- For synthetic turf installations, do not put into full service until 2 days after installation or per other directives in the turf manufacturer's written instructions.



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Product Performance Properties

Laboratory Tests	Results
Flash point	> 230°F (110°C)
VOCs (Rule #1168 of California's SCAQMD)	< 30 g per L

Shelf Life and Product Characteristics before mixing

Shelf life	1 year when stored in original, unopened packaging at 73°F (23°C)
Storage conditions	40°F to 100°F (4°C to 38°C)
Color	Light amber

Protect containers from freezing in transit and storage. Provide for heated storage on site and deliver all materials at least 24 hours before work begins.

Application Properties (of Colossal 117-AUTA Admixture mixed with Colossal 117-UTA Urethane Turf Adhesive - in full quantities)

	Flash Time*	Working Time**	Starting Setting Time	Final Setting Time
From 32°F to 50°F (0°C to 10°C)	0 minutes	45 to 60 minutes	2 to 3 hours	4 to 6 hours
From 50°F to 80°F (10°C to 26°C)	0 minutes	30 to 45 minutes	1 to 2 hours	3 to 4 hours
From 80°F to 95°F (26°C to 35°C)	0 minutes	15 to 30 minutes	30 to 60 minutes	2 to 3 hours

* Flash time is the waiting time required before flooring can be installed.

** Working time is the amount of time that an adhesive can remain exposed to the air and still effectively bond to the floor covering.

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

Approximate Coverage

Refer to the coverage chart on the Technical Data Sheet of Colossal 117-UTA

Packaging

Size

Bottle: 6 U.S. oz. (177 mL)