

DESCRIPTION

Treadstone® FR30P's proprietary formulation provides an efficient, effective solution to projects requiring pre-pours of underlayment between interior walls, and below locations of tubs, shower enclosures and other areas containing appliances installed before the installation of underlayments. Requiring no sand, FR30P gels quickly after pouring, and the slower flow and increased viscosity provide additional protection from potential leaks. FR30P maintains the fire-resistive non-shrinking, fast cure properties associated with gypsum underlayments.

Treadstone® FR30P is approved for use over concrete, precast, wood, and Treadstone® Sound Attenuating Mats (thickness limitations apply). FR30P is mixed onsite with no aggregate requirements and provides a smooth, flat surface for installation of tubs, showers, and other appliances.

- Designed for Pre-Pour Applications Only
- Mixed onsite with no aggregate, reducing carbon footprint
- Provides leak protection for floors below
- Uses no sand and eliminates silica dust
- Maximum pour depth of 1.5"
- Requires little to no surface prep; prime with recommended primer, and pour
- Provides enhanced Sound Attenuation (STC & IIC) between floors
- UL listed in over 110 designs, for specific design or data contact us at technical@formulatedmaterials.com.
- Installed by a technically trained Network of Licensed Dealers

Treadstone® FR30P is recommended and approved in;

- Multi-Family Construction
 - Apartments
 - Hotels
 - Condominiums
- Residential and Single Family
- Commercial Office Space
- Renovation of old wood frame or concrete structures

TECHNICAL DATA

PHYSICAL PROPERTIES

Color	Grey
Physical State	Powder
Flow	Slow Flow, Self Leveling Properties
Water Per Bag	4-5 Gal. Per 80lb Bag
Strength	ASTM C472M - 2000 to 3200 psi
Dry Density	110 to 120 lbs. per cu. ft.
Recommended Depths	Up to 1.5" in a single pour
Surface Burning Characteristics	ASTM E84 - Flame Spread: 0, Fuel Contribution: 0, Smoke Density: 0
Fire Resistive Assemblies	Refer to UL Fire Resistive Directory, listed in over 110 designs

PACKAGING

80 lb bags; 49 bags per pallet
2960 lb SuperSacks

INSTALLATION

SURFACE PREPARATION

Clean, remove all foreign matter from surface. Surface must be dry. Use Treadstone® recommended primer prior to pour. All substrate penetrations must be sealed or blocked off prior to pour. With new dust regulations it is important not to use oil based floor sweeps, as proper adhesion of the underlayment to the subfloor or finished floor covering to the underlayment will be unachievable.

If moisture vapor conditions exist, test to ensure proper MVER limits, not to exceed 5 lbs. per sq. ft. for 24 hours per ASTM F-1869.

APPLICATION

Treadstone® FR30P is to be installed by a trained, licensed Treadstone® Dealer. The building must be closed in with a minimum of 50 degrees F, maintained for a period of 5-7 days during and after the installation of Treadstone FR30P. Adequate ventilation is required to ensure proper curing, for more information regarding drying conditions contact Formulated Materials or refer to our Recommended Jobsite Conditions Document.

STORAGE

Store in dry conditions

LIMITATIONS

- No Single Installation (or lift) of Treadstone® FR30P should exceed 1.5” in depth, contact Formulated Materials for designs requiring greater depths.
- A moisture vapor barrier is required for installations above a crawl space, or where moisture vapor conditions exist, such as slab on grade.
- After installation of FR30P, and before construction resumes, provide adequate protection from heavy wheeled or concrete loads.
- Do not install on or below grade level, except when well drained properly prepped applications occur. (Contact Formulated Materials for specific requirements).
- Minimum L/360 Deflection Criteria for framed floor ceiling assemblies is required.
- Not intended as a wear surface or finished floor, any exposed portions of FR30P must be covered with a properly installed floor covering.
- Not intended for exterior applications or any situation where long term exposure to water is possible.
- FR30P is one component of the fire and sound rated floor-ceiling assembly, proper installation practices have to be incorporated with each component to meet performance criteria.

UL DESIGNS

G230	G592	G516	H502	G524	J917	G561	J919	G577	J920	G578
J924	G579	J927	G580	J931	G581	J957	G582	J958	G587	J991
J994	L006	L201	L202	L206	L209	L210	L211	L212	L501	L502
L503	L504	L505	L506	L507	L508	L509	L510	L511	L512	L513
L514	L515	L516	L517	L518	L519	L520	L522	L523	L524	L525
L526	L527	L528	L529	L530	L532	L533	L534	L535	L536	L537
L538	L539	L540	L541	L542	L543	L545	L546	L549	L550	L551
L552	L556	L557	L558	L560	L562	L563	L565	L570	L573	L574
L576	L577	L579	L581	L583	L585	L587	L588	L589	L590	L592
L593	M500	M502	M503	M504	M506	M508	M511	M512	M513	M515
M517	M519	M530	M531	M535	M536					