

TECHNICAL DATA SHEET

Material Specification Criteria | Project Submittal Data

HTS 7001 FR

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100 % SOLIDS ASTM E-84 CLASS I FLAME SPREAD

HTS 7001 FR is a 100% solids coating which becomes tack free very quickly which allows fast production. HTS 7001 FR flame spread properties allow this product to be used for applications where ASTM E-84 Class I flame spread is required.

PROPOSED USES: HTS 7001 FR is ideal for applications involving spraying of EPS, polyurethane foam, wood or anywhere that may require a hard impact and flame resistant coating. HTS 7001 FR dries to touch very rapidly and is ideal for projects that require quick completion or handling. HTS recommends the use of HTS 429 primer within 10 minutes after application of the HTS7001 FR for optimum adhesion and extended recoat window.

ORDERING INFORMATION:	
PACKAGE SIZE	10 gallon kit (weight approx. 120 lbs) 110 gallon kit (weight approx. 1295lbs)
COLOUR	Neutral/ Beige only exterior use not recommended

LIQUID PROPERTIES		"A"	"B"
COLOUR		BROWN	OFF WHITE
VISCOSITY	Brookfield LVF	500-900 cps	1000-1500 cps
SOLIDS by Weight by Volume	ASTM D 1353 D 1353	100% 100%	100% 100%
MIXING RATIO	By Volume	1 Part A	1 Part B
POUNDS US GALLON		10.30 lbs	13.25 lbs

PROCESSING REQUIREMENTS:	
Precondition temperature of product in container	40 F - 80 F prior to using
Thoroughly Mix	both A and B Components
Primary Heater Settings (10,000 watt heaters)	Brookfield LVF
A Component	140 Degrees F
B Component	140 Degrees F
Hose Heat Setting	140 Degrees F
Output Pressure	2000 psi Minimum
Dry to Touch	7-10 Seconds

PHYSICAL PROPERTIES		
FLEXURAL MODULUS	ASTM D 790	80,000 +
SHORE D HARDNESS	ASTM D 2240	68 D
TENSILE STRENGTH	ASTM D 412	>3000 psi
ELONGATION	ASTM D 412	35%
ABRASION RESISTANCE	ASTM D 4060(C17)	96 mg lost
FLAME SPREAD	ASTM E 84	20
SMOKE DEVELOPMENT		80

HTS 7100 FR has a short pot life and must be sprayed through a heated high pressure proportioning pump at a 1:1 mix ratio by volume. Consult HTS for spray gun and processing equipment recommendations.



MANUFACTURED BY:
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EMERGENCY NOTIFICATIONS:
CHEMTREC : Material Leaks, Spills
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