



Specializing in issues affecting
Passive Fireproofing and Firestopping

ONCE AGAIN...

UFP OUT- PERFORMS THE COMPETITION!



The Vellrath Group is always looking for ways to help trade people understand the value of **UFP**...Universal Fireproofing Patch. Recently, we had an *independent, international, commercial testing lab** conduct two important tests for —Density and Adhesion/Cohesion.

Density reflects the robustness of the fireproofing material. The higher the density, the stronger, the more durable, the more robust the material.

Adhesion/Cohesion is a reflection of not only how well the material sticks (adheres) to the steel but also how well it sticks to itself.

When you compare the results...nothing compares to UFP!

Density and Adhesion/Cohesion Analysis

PRODUCT**	DENSITY	ADHESION/COHESION
Vellrath Group Patching Material		
UFP	38.52 lbs./ft ³	2745.7 lbs./ft ²
Competitive Patching Materials		
Monokote Patch Compound	= 15 lbs./ft ³ +/-	= 200 lbs./ft ² actual / 352 lbs./ft ² test
Cafco Fiber Patch	22 lbs./ft ³	150 lbs./ft ²
Existing Fireproofing Materials		
MK-5	UNKNOWN	UNKNOWN
MK-6	15 lbs./ft ³	200 lbs./ft ² actual / 352 lbs./ft ² test
MK-10	15 lbs./ft ³	600 lbs./ft ² actual / 970 lbs./ft ² test
Cafco 300	15 lbs./ft ³	150 lbs./ft ² actual / 406 lbs./ft ² test
Cafco 400	22 lbs./ft ³	434 lbs./ft ² actual / 8556 lbs./ft ² test
Cafco Blaze Shield	22 lbs./ft ³	430 lbs./ft ² actual / 1525 lbs./ft ² test
Cafco Blaze Shield II	15 lbs./ft ³	150 lbs./ft ² actual / 375 lbs./ft ² test
Pyrolite P-15	15 lbs./ft ³	515 lbs./ft ²
Pyrolite P-22	22 lbs./ft ³	653 lbs./ft ²
Carbolite 239	28 lbs./ft ³	550 lbs./ft ²

* Independent tests conducted by VTEC Laboratories Inc.—Bronx , NY

**The figures tabulated herein are directly from the web site of each material manufacturer.