

# Universal Fireproofing Patch (UFP)

## Application Guide

You will need:

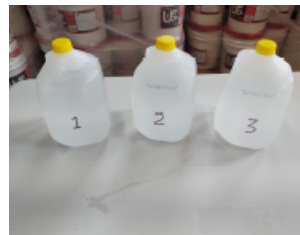
- Drill with mixing blade or paddle
- Empty bucket or tub
- Potable Water
- Trowel
- Dust mask, gloves and safety glasses
- **Universal Fireproofing Patch**

### Mixing Instructions

Step 1 - Shake and roll container to mix product to thoroughly distribute ingredients. Open pail. Determine how much UFP is needed - one pail has enough material for 25 patches 8.5" x 11" x 1/2" or 8.6 board feet. General rule is approximately 1 quart of water for every 2 pounds of UFP.



Step 2 – If using full bucket, use approximately 3 gallons of potable water (add approximately 90-95% of water to dry mix).



Step 3 – Pour water into mixing tub and add UFP. By pouring the water first, this avoids unmixed UFP at the vertical and horizontal contact in tub.



Step 4 – Mix with a drill with paddle or blade attachment for 1-3 minutes until the mix is smooth and thoroughly wetted. Consistency can be adjusted by adding more water sparingly or more UFP. A 2-4 hour pot life can be expected. Do not reconstitute if hardening begins.



Step 5 – prepare surface to receive UFP - substrate should be free of oil, millscale, grease, etc. Wire brush or coarse cloth to clean to remove loose particles. Do not use cleaners or wet the area to be patched.



Step 6 - Apply UFP with a hand trowel up to 1" maximum depth per pass. Do not over trowel area as it may cause shearing between the patch and substrate. Allow UFP to set overnight before applying subsequent coats. Examine patch area for any non-conformity like sagging (too much water added to the mix), thickness (UFP should be applied 'patch to match' the existing), cracking (from drying too fast). Complete drying can take several weeks. After patch is completed, perform visual inspection - it should have a uniform and robust appearance. Patch size is limited to 432 sq. in. (3 sq. ft.)

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Step 7 - clean hands and equipment with water.

### **Environment**

UFP should be applied at 40° and rising, 24 hours prior to and 24 hours post application

### **Safety**

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