MILLER WIRE WORKS, INC.

Armor Protection for Buckets

A couple weeks after installation

After 14,000 hours handling granite and RAP

Tungsten Carbide Bevel Strip, Tungsten Carbide Vertical Side Strips, 8” X 12” Wear Patch

Tungsten Carbide Corner Guards added later and inside floor replaced later (floor sizing err caused removal of one row of wear patch)

Best Practices of Bucket Protection

Cover don't hard-surface! Use weld-on replaceable parts that cover bucket! Hard surfacing creates a lot of heat that can damage bucket. It also cannot be covered easily when small areas of hard surface wear out. Hard surfacing has a much shorter wear life than our tungsten carbide wear strips, wear patch or chromium carbide side plates!

Weld-on wear strips and wear plates do not require as much heat and can be replaced when worn. Some competitors offer chocky blocks and hard steel bars. Due to expense, they are usually welded in a patch work. And they are often too thick and can retain various products in bucket leading to product contamination.

The only thing harder than tungsten carbide (TC) is diamond. Use TC strips in areas generating worst wear. Then use wear patch and/or our chromium carbide plates in the other areas. Cover your bucket! It is the only way to prevent original bucket wear!

Consider heat buildup to cover with hard surface

Patterns have less heat but still permit bucket wear

Block sections still allow bucket wear
And note wear of hardsurface on sides

Cap it, don't crap it!
Why wear out your bucket?

So what do you really think is best?