

# TANK vs BRIDGE: PLASTIC



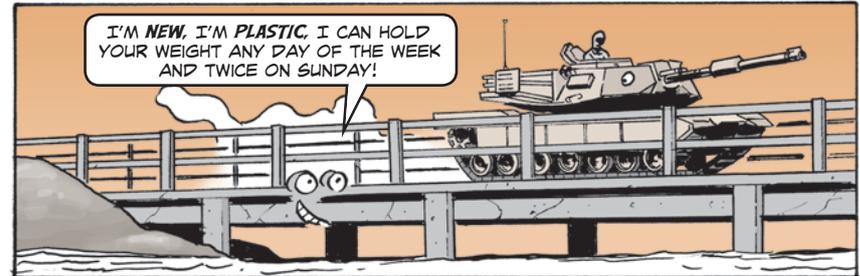
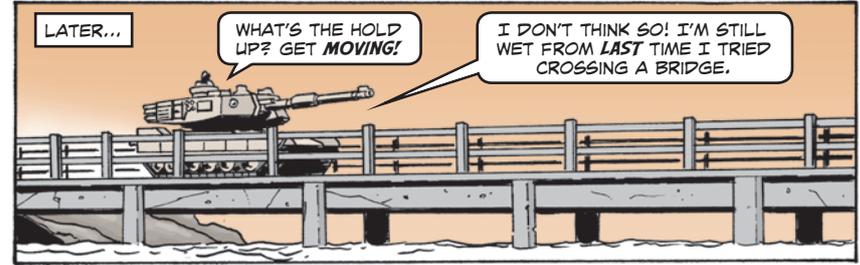
Hot, humid environments increase wood rot and invite insect attacks. And the heavy loads bridges endure take a toll. Chemical treatment of wood reduces rot and insect damage, but those chemicals are toxic to people and the environment. And not all treatments are equal. In some parts of the world, locally treated wood is only slightly better than untreated wood. (That is, if you can even find local wood!)

For critical bridges and other load-bearing wooden structures, there is an innovative solution in high-capacity thermoplastic material and design.

Two bridges were built recently at Ft Bragg (and a third is under construction). The bridges are holding up to repeated heavy vehicle crossings.



# LUMBER SAVES THE DAY!



Like familiar plastic lumber you might have seen on playgrounds or in parks, the new bridge material is resistant to moisture, rot, and insects. And it stands up to very heavy loads without sagging or bouncing like a trampoline. The best news is the new material costs less than treated wood for initial construction and annual maintenance needs are low. It also costs less to ship and improves the Army's carbon footprint.

The new material and design can be used for all sorts of outdoor, load-bearing structures. For more information on the use of this new degradation-resistant thermoplastic lumber, contact Mr. Richard Lampo at:

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