I'm installing a catchment system on a building with a galvanized corrugated rooftop. I need some recommendations on rooftop coatings. The water will be used for outdoor irrigation only, but may be used to irrigate edibles.

I'm looking for a product that can be installed on a corrugated surface by the homeowner (who has a background in building/construction), and that is reasonably priced for less than 1000 square feet of application area.

Thank you.

The National Sanitation Foundation (NSF) - a 501(c)(3) nonprofit - has a great deal of information on rainwater components and materials. This link has a list of coatings suitable for potable-quality rainwater harvesting (NSF Protocol P151).


Even if the system is currently nonpotable, it is generally considered wise to select potable components and materials for a system, in case you later want to consume the water or in this case to minimize avoidable contamination to edible plants.

For more NSF rainwater collection guidance, consult this link:

You'll note that the NSF approved coatings are white, which delivers the added benefit of reducing energy consumption in the building by reflecting solar radiation.

Edited by arcsajohn - 24/May/2013 at 2:19pm

John Hammerstrom
Past President ARCSA, 2010-2011