

NORTH COUNTRY WIND BELLS®

North Country Wind Bells®, located in Maine, was founded by Jim and May Davidson. It is now run by their daughter Connie Davidson.



Jim, a lobsterman, began recording sea bells and gongs and then reproduced their tones in a wide range of wind chimes.



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For pretreatment cleaning and phosphating, North Country Wind Bells® chose PlafORIZATION™ over a number of other processes. The reasons were simple:

- Room temperature process: No gas cost to heat treatment tanks
- One-step/no rinse: Compact plant
- Only one minute treatment time: Fast and easy
- No water, creates no sludge: No water or solid waste
- Bath is never changed: No disposal issues
- Bath checks every other month: Consistent product quality, less labor

In addition, PlafORIZATION™ results in an excellent finished product that features:

- Flash rust protection for weeks before coating
- Excellent topcoat adhesion and flexibility
- High impact resistance
- High corrosion resistance

North Country Wind Bells® Shop Manager Paul Prentice built their installation with assistance from Diversified Finishing Systems, an equipment house specializing in the product and its equipment. The tunnel is 22 feet long and designed for two feet per minute low-pressure flowcoat operation. Polyethylene baffles between tunnel zones control air flow.



Low pressure flowcoat in operation (above) and close-up of baffles designed to control air flow (right).



"PlafORIZATION™ has proven to exactly meet our needs and is working extremely well. The dedicated Carpenter Chemicals team gave us invaluable assistance in designing our pretreatment system."

Connie Davidson
North Country Wind Bells®

