



PULP AND PAPER INDUSTRY CANADA



Since 1988, ZINGA was applied in the most corrosive and abrasive areas with excellent results at the following pulp mills:

- Port Mellon Pulp & Paper at Port Mellon, BC
- Alpac mills in Alberta
- Castlegar pulp mill
- MacMillan Bloedel/Pope & Talbot at the Harmac plant in Nanaimo, BC
- Various other MacMillan Bloedel mills on Vancouver Island, BC
- Fletcher Challenge/Norske Canada at Elk falls, BC
- Weyerhaeuser mills at Prince Albert SK, and Dryden, Ontario
- Various pulp & paper projects in Washington and Oregon States, USA

ZINGA was chosen by the consulting engineers from AMEC.

In 2004, **17 years** after the application of ZINGA, Mr. Bruce Hunter (Evergreen Consulting) says the ZINGA is still providing excellent protection without the need for complementary touch-ups.

System:

Surface preparation:

Sandblasting to SA 2,5 and Rz 50-70µm

System:

ZINGA 2 x 60 µm DFT

EVERGREEN CONSULTING

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Attention: To whom it may concern

My first use of ZINGA was in February 1987 on Tower 10 (retention tower) at ELK Falls Pulp & Paper mill in Campbell River BC (a very aggressive environment).

The tower was sandblasted to SSCP-SPC 6 standards and then sprayed with two coats of ZINGA to a finish of 4 mils DFT.

As of 4 January 2004, the tower coating is in excellent condition with the exception of some rust streaks emanating from unpainted flange bolts installed at some point after the original ZINGA coating. These streaks do not affect the ZINGA and only serve to spoil the aesthetics of the tank.

Since that time I oversaw the Zinagnization of the Recovery & Kraft Mill Bridge 200 ft. up in the air. The Granite Bay Road Bridge for the BC Ministry of Highways (1996), the Overlander Bridge addition (1997) for the City of Kamloops BC, the Victoria Quay Bridge (1997) in Port Alberni, BC and many smaller jobs such as Port Mann Bridge repairs in 2000

To date, every one of these jobs completed with ZINGA is still in pristine condition.

I feel that ZINGA outperforms many times over conventional zinc coatings and is easily comparable if not better than hot-dip galvanizing.

Bruce Hunter
EVERGREEN CONSULTING

P.S.:

The cost saving over the years is enormous considering conventional coating lasts at best 7-8 years and require complete surface preparation (i.e. sandblasting) before re-coating whereas ZINGA when it eventually requires re-coating needs only high-pressure water cleaning to prepare it.