

POLES ARMY TENTS - UNITED KINGDOM

Between June and September 2005 the **UK Army (Ministry of Defence)** decided to treat 8 000 tent poles, each measuring 2,2 meters, with **ZINGA**. These tents were meant to be used in Iraq.

Surface preparation: blast cleaning

- SA 2,5
- Rz 65-70 µm

Application of: ZINGA 1 x 60 µm DFT

- 1 x 60 µm DFT **ZINGA** was sufficient because the arid (dry) climate in Iraq isn't very corrosive.

a. Frame tubes: pressure-pot

- at approximately 1.5 bars (21 psi)
- with spray-pressure 4 bars (60 psi)
- at 25 seconds Ford 4 cup

b. Brackets and tie-bars: dipping

(at the end of frame-tubes for tying the tent-ropes)

- vertically dipped
- high withdrawal speed (to avoid runs or build-ups on the end)
- viscosity between 18 and 20 seconds Ford 4 cup
- 1 dip equals more or less 65 µm DFT **ZINGA**
- **dipping bath was stirred every day with a power mixer**

"After 2 years of service the UK Army is still happy with the application."

You can see where the army painted the pins at the ends with a one-component polyurethane paint for colour-coding for ease of mounting the tents.



System:
ZINGA
1 x 60 µm DFT