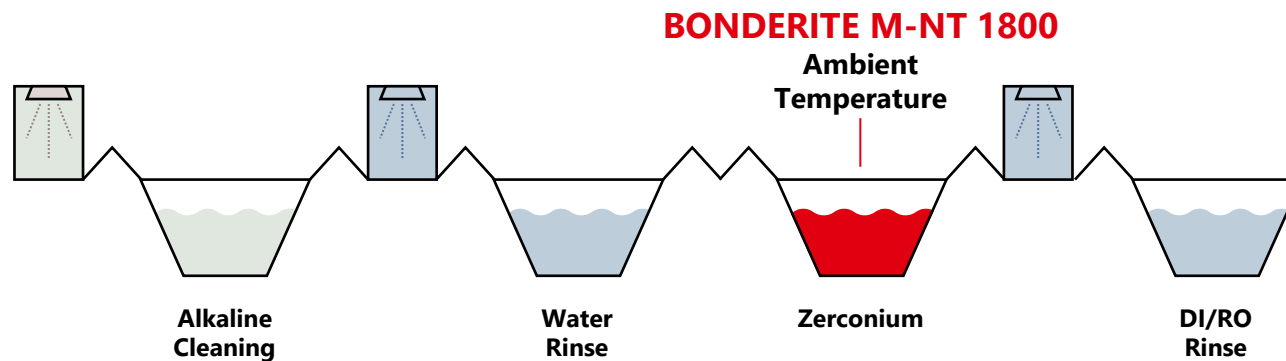
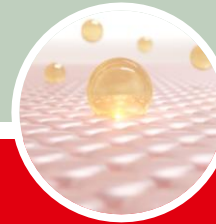


# THIN FILM PROCESS

## BONDERITE Thin-Film TecTalis Process

### TecTalis Process



### DELIVER **MORE VALUE**

NO CHEMICAL  
CLEAN OUTS

UP TO 90%  
LESS SLUDGE

PHOSPHATE  
FREE

### **REDUCE** FOOTPRINT

4 STEPS VS.  
7 STEPS

UP TO 40%  
LESS ENERGY

UP TO 50%  
LESS WATER

## SUSTAINABILITY & PERFORMANCE IMPACTS

The TecTalis process supports the increased use of aluminum by processing up to 100% of the lightweight metal

Also providing significant environmental and processing improvements compared to a standard zinc phosphate process.

### Free of hazardous heavy metals

Ambient temperature processing reduces energy consumption. Up to 100% aluminium content in the metal mix.

Zero sludge production lowers maintenance resource requirements

Facilitates a streamlined process with fewer stages

**Reduced water** use yields less wastewater.

Henkel