

SBS TRANSIT Rail Baseplates - SINGAPORE

SBS TRANSIT is a multi-modal leading public transport operator in Singapore, operating bus, rail and taxi services. Periodically they conduct inspections on rail assets in the Singapore metro system. Corroded baseplates are replaced and sent to a warehouse where they are scrapped. In order to reduce wastage and optimise the usage of their assets, an innovative solution had to be found. Corrosion on rail baseplates typically occur in areas where there is water ponding. After having done some thorough testing and trials with different coating products, **SBS TRANSIT** decided to use the **ZINGA** solution to rehabilitate corroded baseplates and eliminate the need to discard useful assets.



Early 2021 **SBS TRANSIT** sent 500 baseplates to **ABRACLEAN Singapore** in order to blast them and protect them with 120 µm DFT **ZINGA**. It goes with a 10 year warranty against corrosion.



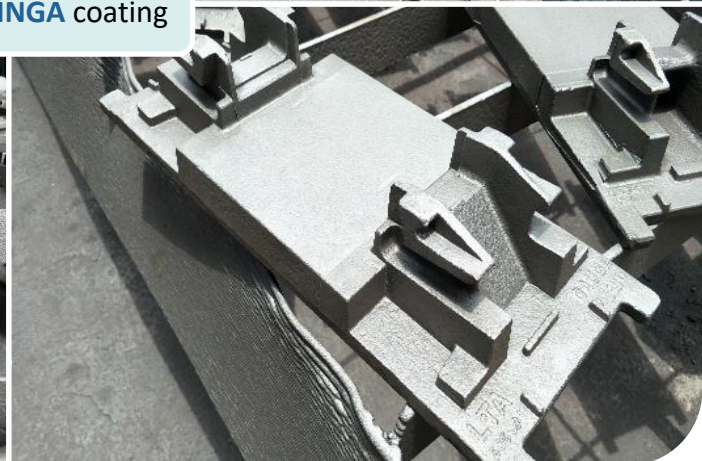


Baseplates after passing the Autoblaster Machine using angular metallic abrasives.

Dedusting of the baseplates



Ready for ZINGA coating





ZINGA coating



System:
Surface preparation: Blasting to SA 2.5
ZINGA 2 x 60 µm DFT (airless spray)

The **ZINGA** stand-alone system represents a viable and sustainable solution to rehabilitate baseplates and put back to use instead of discarding them away.

