

**100% Chrome-Free  
Zn/Al High Corrosion Resistance Coating**

## METASU YC

METASU®

### Corrosion Resistance Coating Concerned with Environmental Matters

#### Hexavalent Chrome and Hazardous Metal Free

METASU YC achieved high corrosion resistance performance without using heavy metal materials prohibited by ELV and RoHS.

It is also expected as a great substitute of hexavalent chrome products.

#### Resource Saving and Air Quality Friendly due to its Fine Film Thickness (10 micrometer)

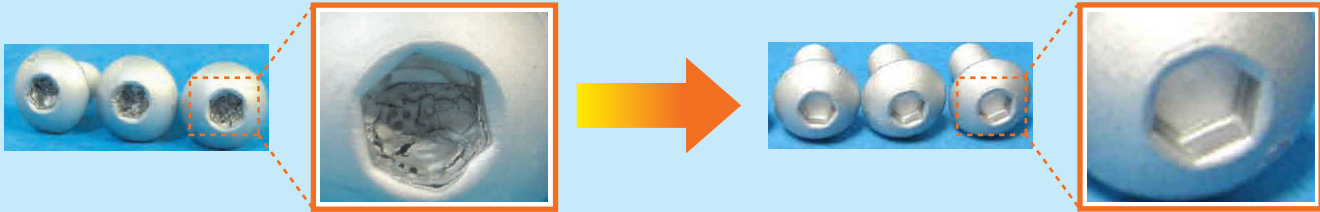
METASU YC enabled high corrosion resistance and superb longevity for automobile parts processed with METASU YC.

Its fine film thickness contributed to resource saving aim by saving total usage amount of the coating.

### Great Puddling Control

**Features :** METASU YC-B with alcohol solvent is a low viscosity product and will be processed by DIP/SPIN. It's consistent dispersibility enabled to have target film thickness with minimal coating amount.

The features enabled to have lower occurrence of puddling failures which have been a long time weak point of DIP/SPIN process.

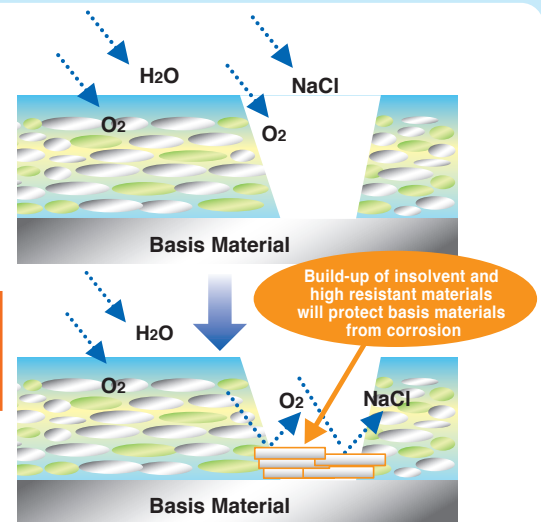


### Stable and Superb Corrosion Resistance

Top coat process with METASU YC-T will exert its high and stable corrosion performance for a scratched area as well.

	Evaluation of Corrosion Resistance	Picture Observation of Scratched Surface Area with SEM
Before Test		
SST At 2000 Hours	No red rust even on scratches!	Onset of corrosion resistant materials will cover the scratched areas

Corrosion Resistance Evaluation for Scratched Surface Area with Cross Cuts  
SST : ISO 9227 (ASTM B117)



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