

**KAWASAKI STEEL TECHNICAL REPORT**

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**Recent Activities in Research of Coating**

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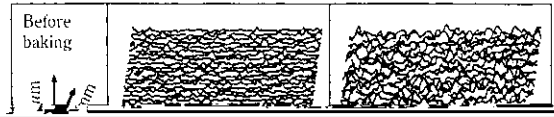
Synopsis :

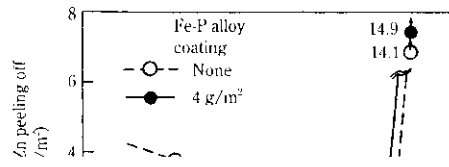
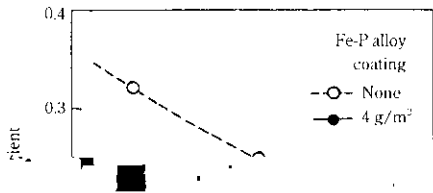
## Recent Activities in Research of Coating\*

and a lubricating resin film with excellent press forma-

produces no waste during canmaking. A laminating line

CCT cycle : SST35°C → Dry60°C → Hum.98%RH  
4h                      2h                      2h





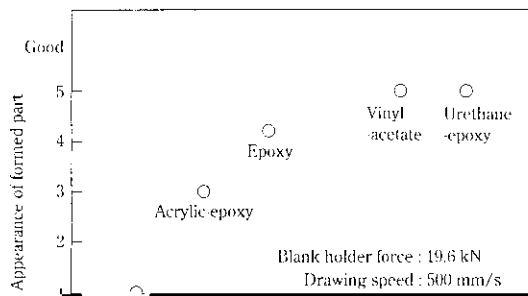


Table 1 Comparison of performance of self-lubricating steel

Property	RIVER ZINC FE	RIVER ZINC FS	RIVER ZINC FX
Surface electric resistance ( $\Omega$ )	< 0.5	1~100	0.5
Number of electrode chip life for spot welding	> 3 000	150	> 3 000
Coefficient of friction by	0.15~0.25	0.10	0.35~0.45

layer, conversion film layer, and resin layer on a steel sheet. This sheet has  $L$  values of 12–15, and a low gloss

## References