Abridged version

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A Weldable Precoated Stainless Steel "WELCOLOR"

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Synopsis:

A weldable pre-coated stainless steel sheet, WELCOLOR, has been developed to make it possible to use water proof techniques in electric resistance welding. The paint to obtain electric conductivity between the electrode of the welding machine and the steel sheet and the method of top coating have been studied on the technological basis of RIVERLITE COLOR ^R, a high grade prepainted stainless steel sheet, which have been in production for roof and exterior usage. WELCOLOR was launched into the market together with RSW technique, a system also developed by Kawasaki Steel in 1983 to buildup water-proof roofs by welding. This report outlines the performance characteristics of WELCOLOR.

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The body can be viewed from the next page.

A Weldable Precoated Stainless Steel "WELCOLOR"*



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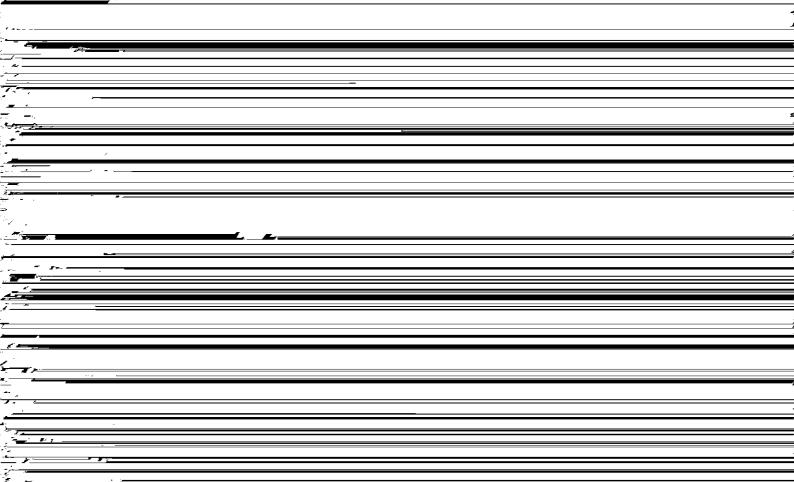
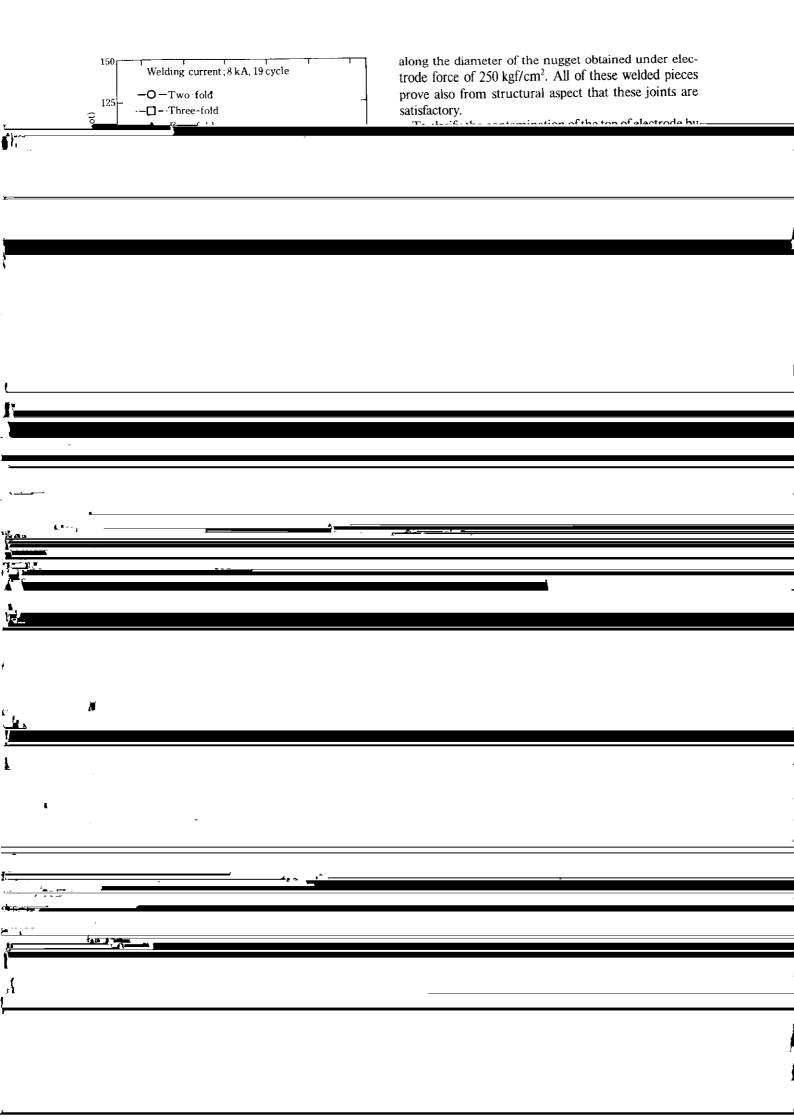


Table 4 Performance characteristics of dry film on W.F.I.COLOR.P tested for 300 h with Table 2 Mechanical properties of WELCOLOR .) . . .

Table 5 Performance characteristics of post coat film* resin paint should be so sprayed or brushed as to be on WELCOLOR-P about 40 μm thick in dry condition. The changes in color tone and gloss retaining rate



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