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## Chromate Electrogalvanized steel sheet "RIVER ZINC F" with Anti-fingerprint Property and High Corrosion Resistance

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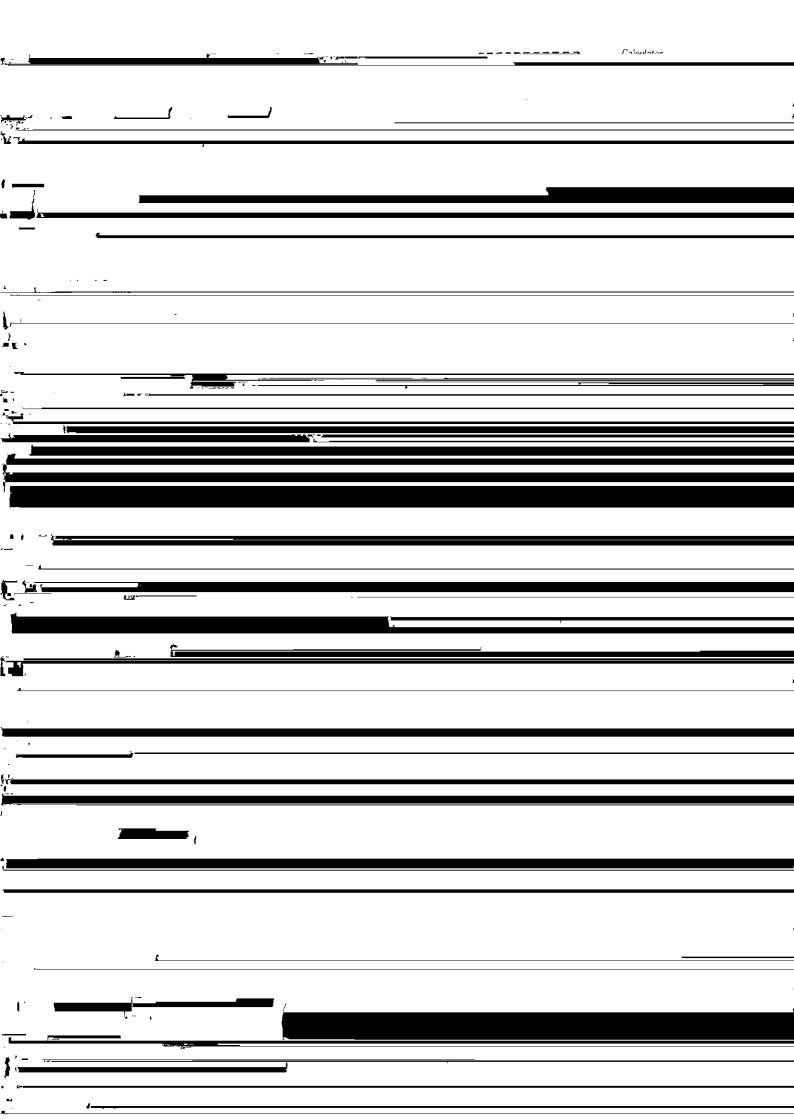
Synopsis :

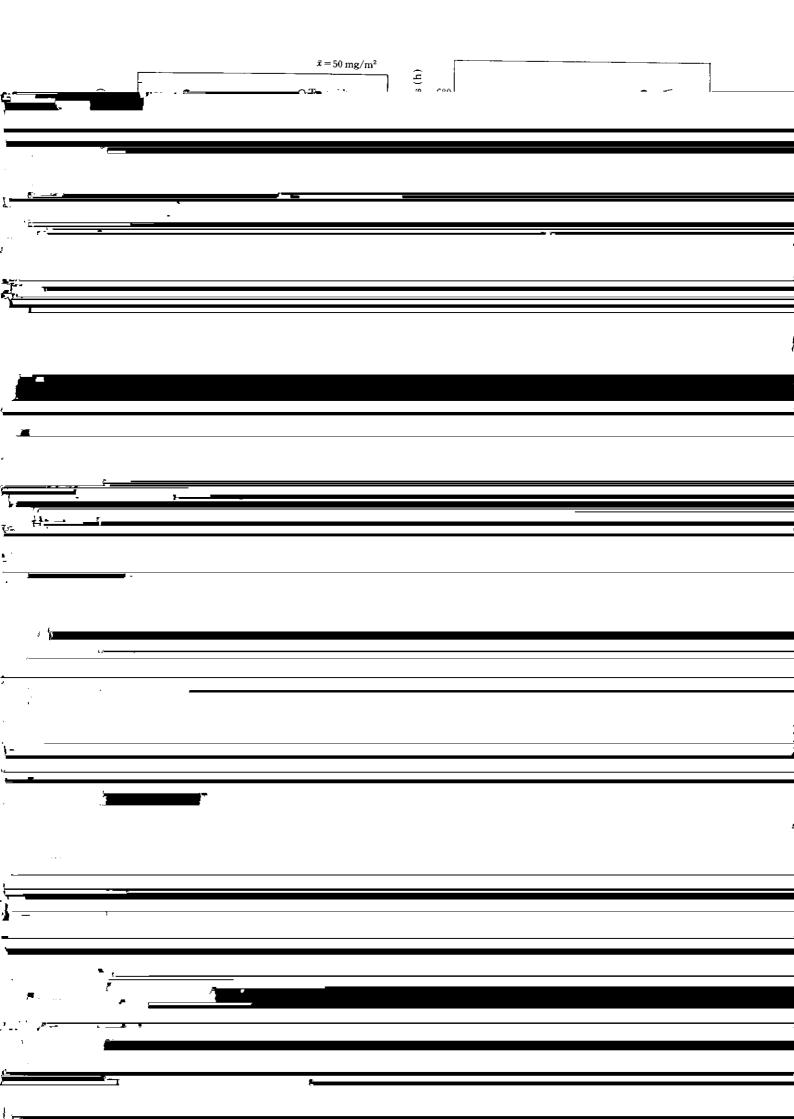
A new product RIVER ZINC F, an electrogalvanized steel sheet with special resin and chromate coating, has been developed for its anti-fingerprint property and high corrosion resistance. Kawasaki Steel has succe

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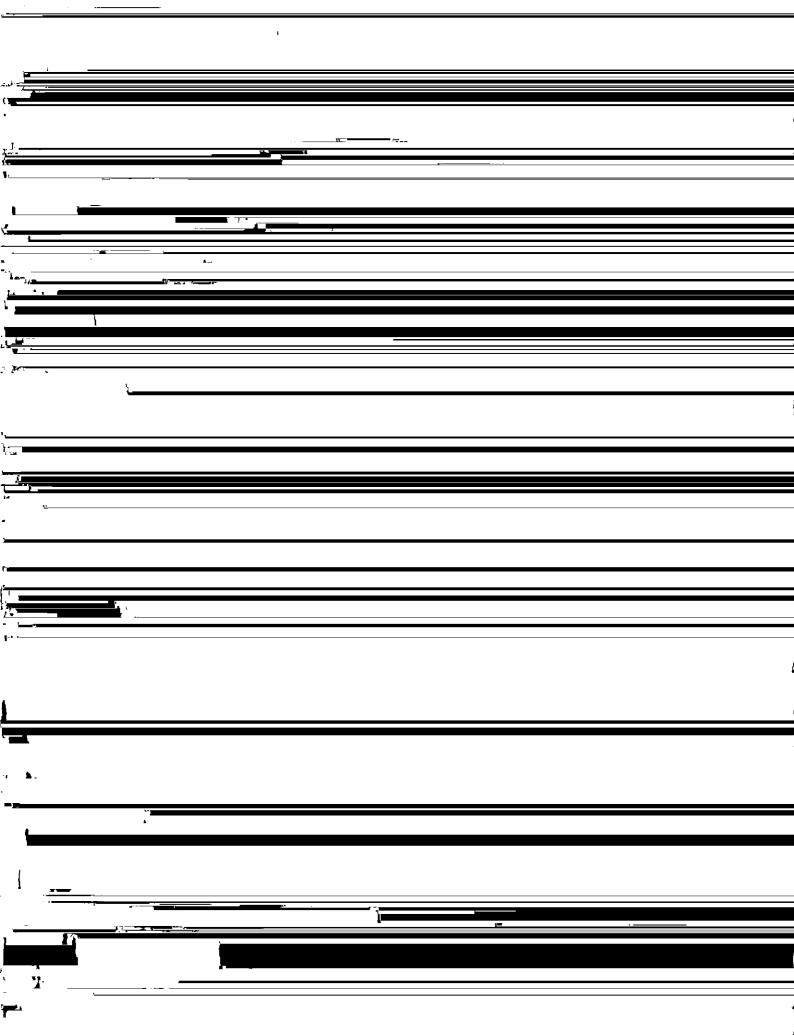
## **Chromate Electrogalvanized steel sheet "RIVER ZINC F" with Anti-fingerprint Property** and High Corrosion Resistance\*1

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Table 9 Paint adhesion of RZ-FB by tape peeling test RZ-FB Suitable  $Zn \ 20/20 \ g/m^2$ Primary adhesion Wet adhesion\*1) Resin coating Erichsen 5 mm<sup>#2)</sup> Du Pont impact\*3) Erichsen 5 mm\*2) Du Pont impact\*\*> weight (mg/m<sup>2</sup>) Chromate product Zn  $20/20 \text{ g/m}^2$ Suitable 300 Ο Ο 0 Δ 9 1011 12 13 14 15 500 0 Ο Ο Ο Spot welding current (kA) 1 000  $\odot$ Ο 0 Ο Electrode\_radius · fimm.d(Cu-Cr) 4-1

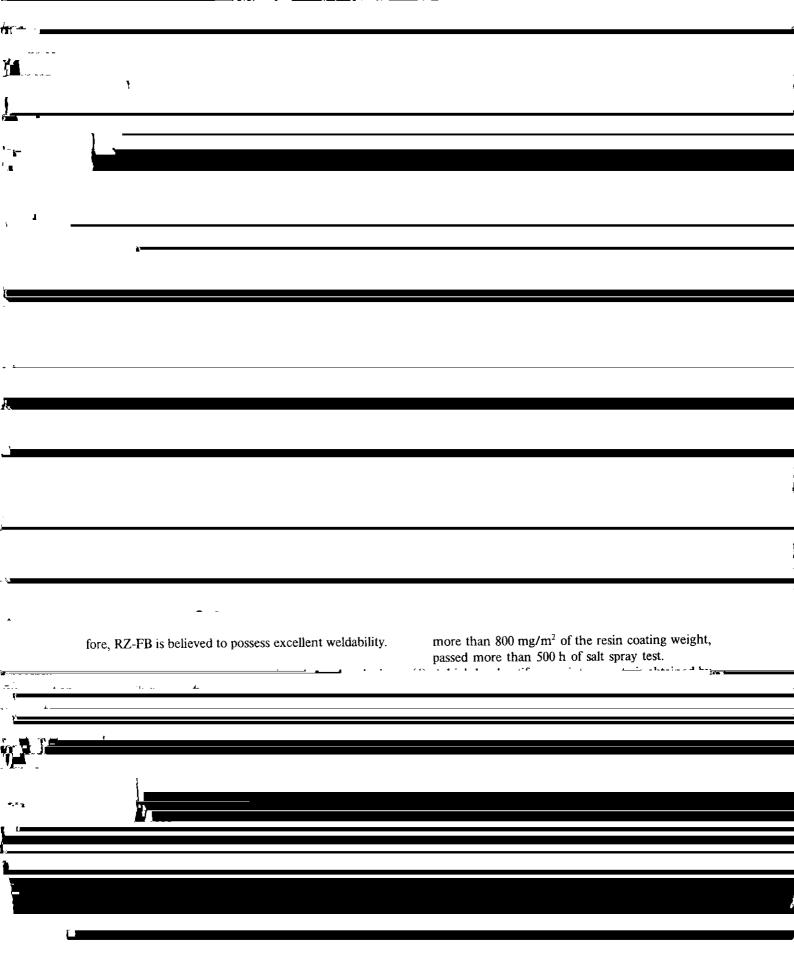
**\*3)** 1/2 inch × 500 g × 50 cm

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Fig. 7 Current range of single spot welding for RZ-FB and chromate product

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able current range for spot welding of the product is lower than that for the conventional chromate product. The number of continuous welds is 8000, which is (2) The special resin, which is of the alkyd type containing a coloidal silica, is coated on chromate electrogalvanized sheets using a roll coater in KM-RCEL.
(2) D7 EC with chromium coating of 100 mg/m<sup>2</sup> and



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