

Recent Trend Construction Material Field

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The roles of the steel industry in the expanding construction material market are: (1) to develop steel suitable as construction materials, (2) to manufacture high value added processed steel products, and (3) to increase the ratio of steel used in construction. Kawasaki Steel Corp, and its affiliates in the construction-material business will promote both material for general construction, such as system buildings, and construction components such as roofs, sidings, and floors, based on a functional division of roles among the companies and the Kawasaki Steel Group's overall strategy. The Kawasaki Steel Group is now expanding the Kawasaki Steel Design Plaza its construction material research facilities to cope with the technical problems involved in supplying construction materials, which include enhanced designability and more rational construction techniques.

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要旨

今後も拡大が期待される建材市場に対し、鉄鋼業の役割は(1) 建材に適した鉄鋼素材の開発、(2) 加工鋼材の高付加価値化、(3)

鋼材の加工技術の向上、(4) 鉄鋼製品の加工技術の向上、(5) 鉄鋼製品の加工技術の向上

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△相の亦ル 二誌にて建明の十期毎の亦ルよりの要領而田の遊はの

素材供給メーカーと鋼材加工供給メーカーとの連携体制、生産（加工）-物流-施工・販売体制の最適化、直行化、前記ニーズを踏まえ、新しい建材商品の発掘や調整の仕組みなどである。

としては少ない。

建築外壁用建材市場を概観してみる。その市場規模は、1990年度実績ベースで5300億円、うち金属系が1400億円（26%強）を占

2. 川鉄グループの建材商品の現状

り、川鉄グループ3社（川鉄建材工業、川鉄鋼板、川鉄金属）では金属系で110億円（8%弱）のシェアを有しているに過ぎない。非

まず建設・建材分野における川鉄グループのプレゼンスを歴史的に振り返ってみよう。

金属系では、ALC、セメント・コンクリート製が圧倒的に多く、金属系ではアルミ製が鋼板製を上回っている。

Figure 1は、1980年代前半の主要建材の生産（加工）能力の推移を示

素樹脂塗装→ホーロー→アルミ→アルキャスト→ステンレスの順に
高く、工場、倉庫などの低層建築にはコストの安い建材が、高層に

60 000
50 000

ールーム、建材情報・受発信基地などの機能を備えた広範囲な顧客

られるのはもちろんのこと、都市に必要な第3の施設（地下鉄入