Abstract:

with concrete materials, due to ribs formed inside flange

demonstrated as a result of the web reaction force when ribs are provided on the flange inner faces, and the structure displays a tenacious adhesive property even at after reaching maximum strength. Regarding adhesive capacity, because this is a bearing pressure-type wall in which the ribs catch the concrete, sufficient bearing capacity can be obtained even in concrete pouring in a mud flow. In addition to the fact

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tial local crushing in the vicinity of the rib tip). This

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