

We conducted an experimental evaluation of the structural behavior of RC beams with cold joints where a non-contact connection was applied. Our findings revealed that the NE ...

The application and this required method is to ensure no weak plane in the coating is developed, creates a consistent/uni-form application of the slurry and achieves an appropriate slurry thickness and ...

Learn how to repair concrete cold joints effectively with our step-by-step guide. Master techniques for seamless, durable concrete repairs.

If the detail is located above finished floor, check to be sure the connection is within the column closure of finished wall materials and adequate shear capacity of the connection above the pocket is available.

It's important for construction professionals to understand what causes cold joints and how to manage them effectively. This article takes a closer look at the key issues related to cold joint concrete. We'll ...

What is a Cold Joint in Concrete? Cold joints occur when a fresh concrete batch is poured against a partially hardened existing layer. As you know, concrete hardens through chemical reactions ...

Join our webinar, "Bridging the Gap: Designing Connections Through Foam Insulation," to learn code-compliant methods for attaching cladding and furring to cold-formed steel framing with exterior foam ...

Question: When should saw cuts be made on a concrete slab?

Learn how to create cold joints during concrete pouring to ensure strong and durable results. Discover techniques, tips, and best practices for effective cold joint formation in your construction projects.

There are plenty of construction details out there, but I would highly recommend not using a keyed joint. They are prone to spalling and require additional labor to create the formwork. ...

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