

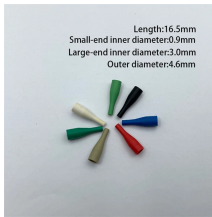
## Customization Process for Low-Noise Cold Joints for Subways



## Customization Process for Low-Noise Cold Joints for Subways



Although a few past research has focused on joint waterproof performance, this paper proposes a sealant mechanism based on the finite element analysis.



For the construction of a prefabricated subway station by the presented method, the newly developed high-performance CB joint, the substructure segmentation, and the feasible construction ...



The Asphalt industry has developed numerous techniques designed to mitigate the effects of the cold joints both as part of the construction as well as part of the compaction process.



Metrolinx experts discuss options available to deliver a subway that respects surrounding areas.



By purchasing new subway cars and overhauling older cars, MTA NYCT has provided significant reductions to in-car noise, while reducing the amount of noise which emanates from cars.



Crafted with interconnected metal links, these fences serve as sturdy barriers against noise within the work zone while being simple to set up and customize to the unique specifications of ...



Section 7: Noise and Vibration During Construction  
 - This section presents the process of assessing noise and vibration impact during construction, including determination of level of assessment, ...



All conductive conduits, pipes (electric service, water pipes, etc.) entering subway or elevated structure must be isolated using a phenolic insulating coupling (ICC).



Kunyang Chen developed a low-carbon subway station construction methodology by pioneering novel prefabricated structures with internal bracing systems and large-segment full ...



Explore effective city soundproofing strategies to combat disruptive subway noise, from advanced materials to structural vibration solutions.



The results show that cold joints formed after a 1 day time interval are highly susceptible to chloride ingress, and that curing conditions play a major role in how quickly interfacial transport can ...



This article will explore what cold joints are, why they occur, the risks they pose, and how cold joint injection provides a reliable fix for both residential and commercial ...



A longitudinal joint is the interface between two adjacent and parallel asphalt mats. See the below links and resources on proper longitudinal joint construction best practices.

## Contact Us

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