
From Neogard Technical Service:

Cracks may appear in a coating system installed over joints between precast double tees. The cracks appear due to factors such as wide sealant joints ($\geq 1/2$ ") and/or deflection between panels.

These cracks are not considered warranty items. If the joint is leaking, then the primary seal provided by the sealant has failed, and the sealant should be repaired.

Cracks occur at joints due to stress on the coating system from vehicles' weight depressing the sealant. Also, deflection between the panels will cause the coating system to crack. These are shear stresses that coatings cannot accommodate.

Often the crack is limited to the wear course layer or layers of the coating. The elastomeric base coat bridges the crack; movement is transferred to the aggregate-filled wear course, and causes that wear course to crack.

Neogard does not recommend treating any cracks that appear in the wear coat or topcoat of the system, as these areas will also become maintenance items.

Issued by: Hempel (USA) – System Cracks Over Double-Tee Joints

This document is intended for professional use and provides generic advice in respect of the subject matter hereof only. It is not intended to be used as a comprehensive guide. The buyer/applicator should always read the relevant Product Data Sheets ("PDS"), Safety Data Sheets and Guide Specification relating to the applicable products/system. If in doubt, please contact your local Neogard representative for further advice. To the extent relevant, the disclaimer set forth in the relevant PDS or Guide Specification applies to this document. Double-T-Cracks-TI ksk 04142021.docx

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