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PAVEMENT JOINTS C-JOINT PROCESS



Road surface joints ensure the smooth transfer of traffic between road structures and roads themselves. Their role is to account for structural movements and distortion due to traffic.



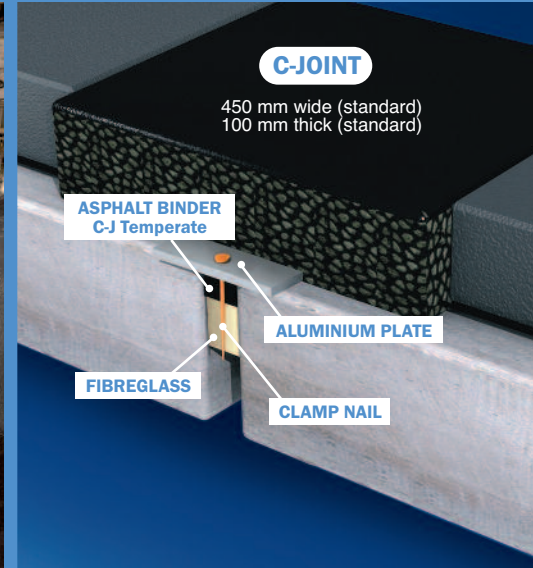
To meet these technical requirements (expansion, stability under traffic, impermeability and user comfort), the C-Joint process, an asphaltic plug joint, provides a solution for structures with small or medium spans in which movement is equal to or less than 20 mm.

The aims of road surface joints

- Ensure road structure impermeability.
- Ensure user comfort.
- Lack of noise and vibrations.
- Resumption of ≤ 20 mm expansion.
- Stability under heavy traffic, class T0+.

→ 4 BURIED ASPHALTIC PLUG JOINT

Road and airport maintenance



The C-Joint's design frees it from the restrictions inherent to mechanical joints when renewing surface courses:

- Road planing without interruption from the joint on the current surface.
- Raising the joint by adding asphalt and aggregate over the specified thickness.

Key figures

- 10,000 linear metres of joints carried out over the last 5 years.
- Almost 400 structures worked on in the last 5 years.
- Observed rate of installation teams: up to 20 linear metres per day.

C-Joint operating diagram

