handed over by
Frenzelit GmbH • P.O. Box 11 40 • 95456 Bad Berneck • Germany +49 9273 72 - 0 +49 9273 72 - 222 info@frenzelit.com www.frenzelit.com

RAL QUALITY MARK
Expansion Joint

Technical Information

Storage, packing and transportation of fabric expansion joints

RAL-GZ 719

TI-008

Rev. 3

Non-metallic expansion joints are high quality products which need to be handled with care.

1. Storage

The condition and the duration of storage do have an influence on the condition of the expansion joint.

- remain expansion joints in original packing
- expansion joints need to be stored at dry places, humid condition have to be avoided
- protect expansion joints from direct weather influence e.g. sunlight, rain a.s.o.
- if possible store expansion joints inside of buildings
- recommended temperature for storage is between +10 °C to + 20 °C
- do not store other equipment on top of the expansion joints
- ozone penetration, chemical influence and corrosive environmental conditions have to be avoided for storage longer than 6 month

1.1. Short-time storage before installation

Please respect following additional conditions:

- storage of expansion joints in weather proof containments, e.g. oversea containers
- during the outside short time storage the expansion joints have to be covered with a weather proof canvas cover and need to be protected against humidity from the ground
- at temperatures below +5 °C expansion joints do have an increased sensibility against bending. Therefore warm expansion joint up to +10 °C before handling.

2. Packing

- without further requirements from the client, non-metallic expansion joints will be packed in standard stabile cardboard boxes or cardboards on pallets which allow removal with a fork lifter.

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- special demands have to be settled with the supplier:
  - boxes, crates
  - seaworthy packing
  - oversea-container
  - special packing

  All above mentioned packing are designed for handling with fork lifters or cranes.
- the packing provides the best protection for the expansion joints and should be removed first at the actual installation location before starting the installation work.
- Caution: Opening the packaging with cutting tools such as a cutter knife, etc. can damage the expansion joint!
- long term storage may require a special packing and needs to be discussed with the supplier

3. Transport

- non-metallic expansion joints are packed according to their size, the way of transport, the duration of transport, the duration of storage and the final shipping destination. Damages should not occur during regular transportation.
- cardboards on pallets, wooden boxes and containers are designed/suitable for fork lifters and crane-handling.
- cardboards on pallets must not be stored on top of each other. The maximum load capacity has to be respected!
- unpacked expansion joints have to be moved extreme carefully. Please note following items:
  - unpacked expansion joints need to be placed on a safe base (e.g. pallet) and need to be temporary protected during transport by a crane or a fork lifter
    - the attachment points for the lifting equipment have to be on the base (pallet)
    - according to the weight of the joints use always several persons for carrying
  - do not drag expansion joints along the ground or across edges
  - respect decreased beding-properties at low temperatures

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Please contact the supplier in any case if damages have been noticed at the packing or during transport and storage.

*Never install damaged component*s!

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