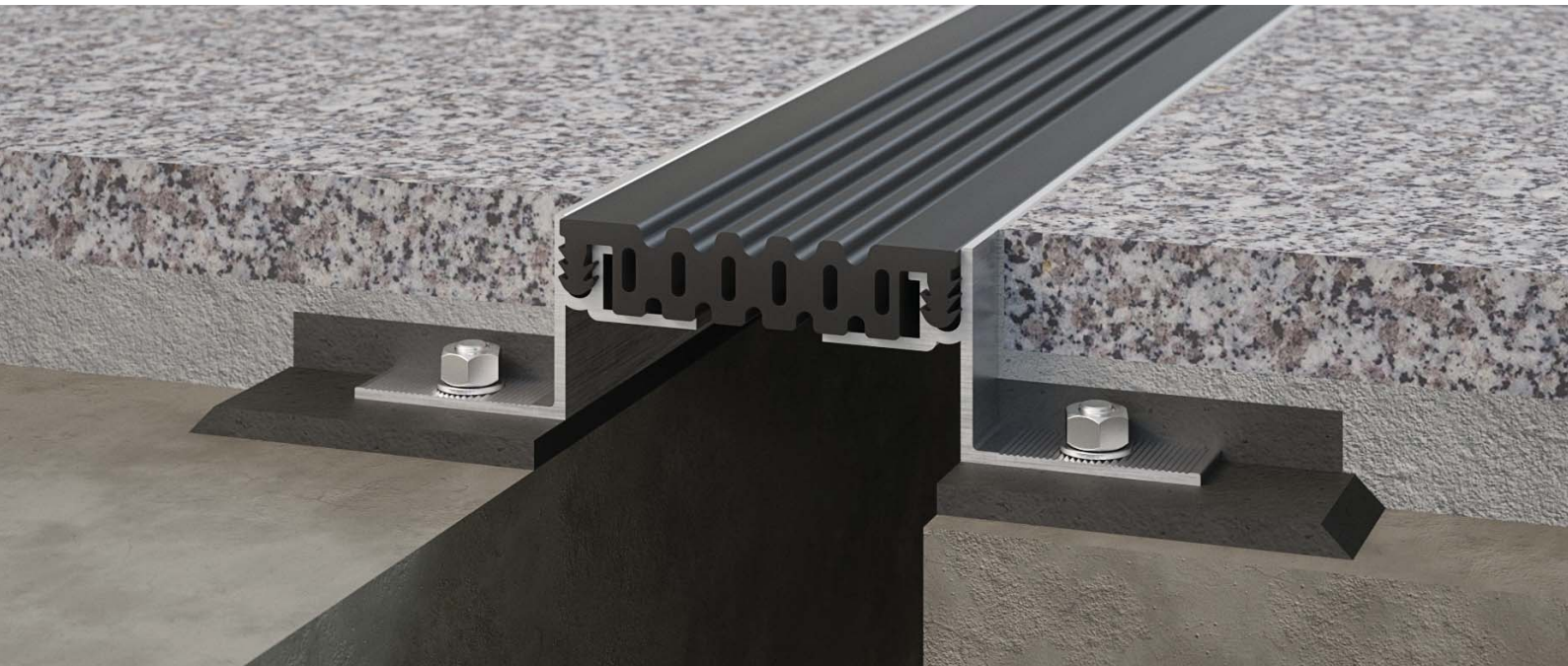




NEXUS

Expansion & Movement Joint Systems

Expansion & Movement Joint Systems



Installation Instructions

Model NF-NP

July 2020



Model NF-NP



PLEASE READ THOROUGHLY THIS ENTIRE DOCUMENT BEFORE INITIATING THE WORK

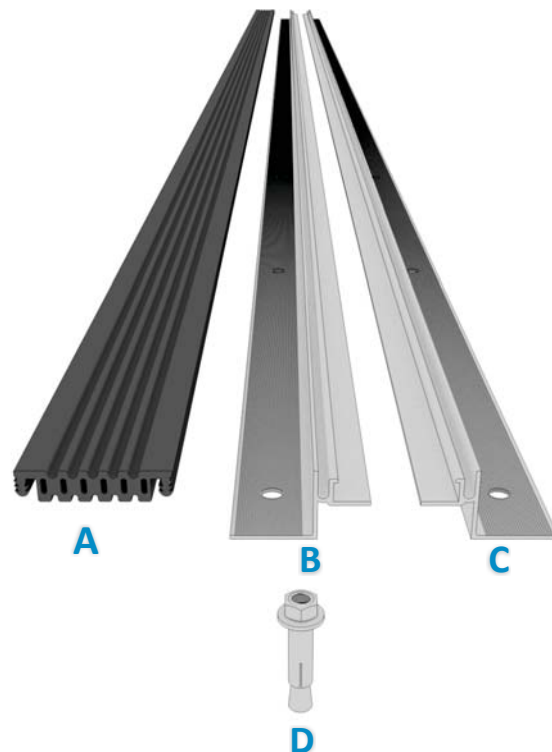
Initial **CHECKLIST**

- Inspect Material supplied, for any damage or defects. If any flaw is found, please contact Nexus' local supplier at the earliest.
- Check that all Material mentioned in this document, were delivered by Nexus' local supplier. The Expansion Joint should be delivered unassembled. Read the packing list and note that related elements can be found in different boxes.
- Take note of all tools, accessories and equipment before starting the job. If any is missing, please procure the missing elements or contact Nexus' local supplier for assistance.
- The site condition, approved shop drawings, the material supplied and the installation instructions should be matching. If any ambiguity please contact Nexus' supplier for assistance
- All elements should be stored, until assembly, in a horizontal position, in a clean and dry location.

A. Material and Tools preparation

1. Familiarize yourself with the different components of this model.
2. Lay the different components on the ground as per the succession of installation.
3. Take physical measurements of the joints and cross check them with the delivered material.
4. Take note of all the tools required for a perfect application, and make sure they are available.
5. Personal Protection Equipment (PPE) and safety protocols have to be followed in accordance with the HSE department guidelines.

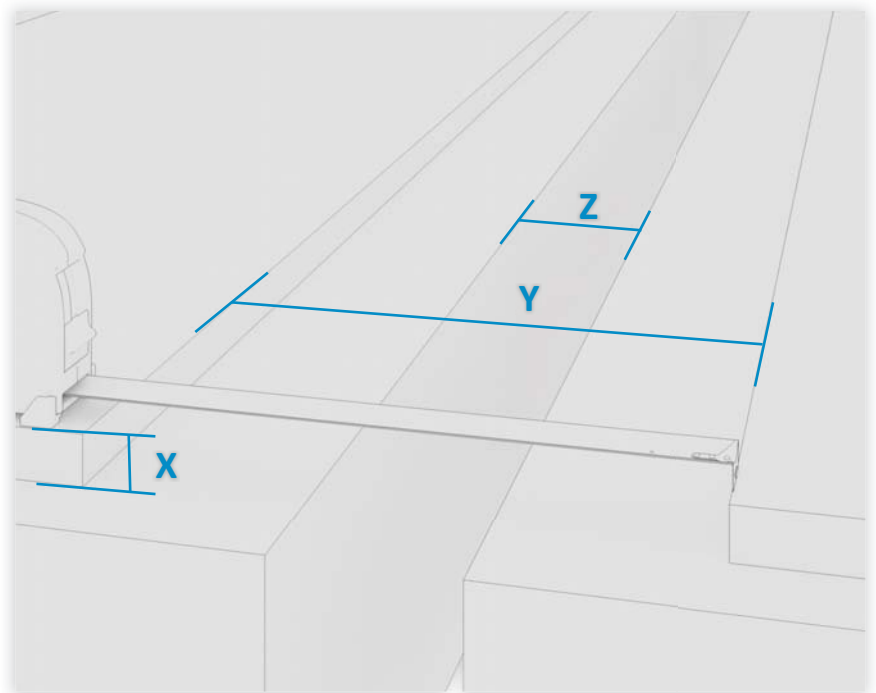
- A. Rubber Band
- B. Edge Profile
- C. Edge Profile
- D. Fixing Bolt (not included, to be procured based on manufacturer recommendation)



B. Site Preparation

1. Accessibility to an uninterrupted clean area, free of oils and dust, has to be provided by the Main Contractor (MC).
2. Measure the annotated X, Y and Z actual dimensions on site. The profile size will vary if these measurements are not uniform throughout the entire project.
3. Consult the data sheet for the correct cover size against the actual gap width.

- X. Installation Height
- Y. Installation Width
- Z. Actual Expansion Joint Gap

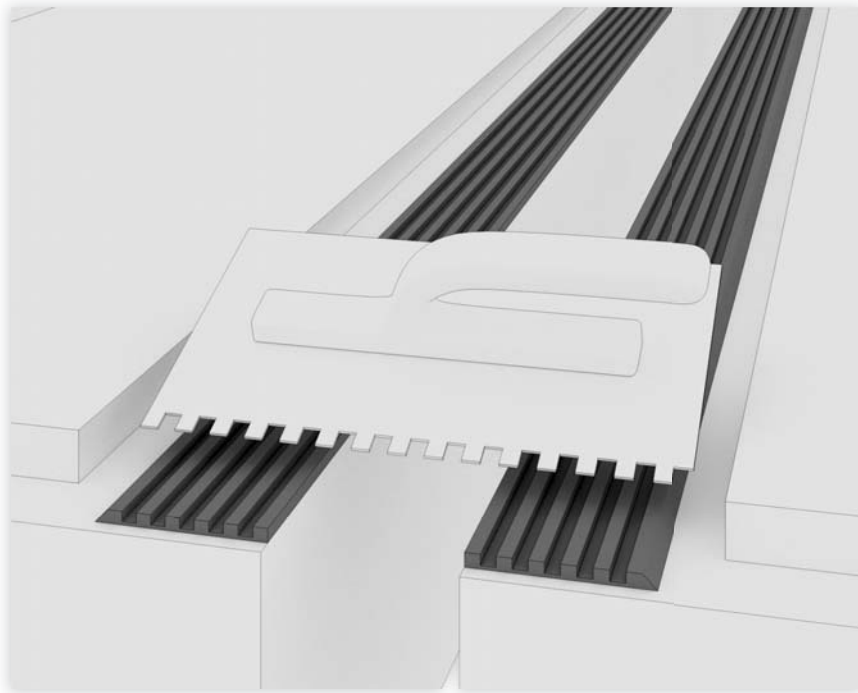


Model NF-NP



C. Mortar Bed

1. Prepare the mortar bed on the floor side of the Expansion Joint.
Note that the mortar is not supplied by Nexus' local supplier and have to be procured based on the architect's approval.
2. The mortar has to be applied in accordance with the data sheet of the mortar's manufacturer.

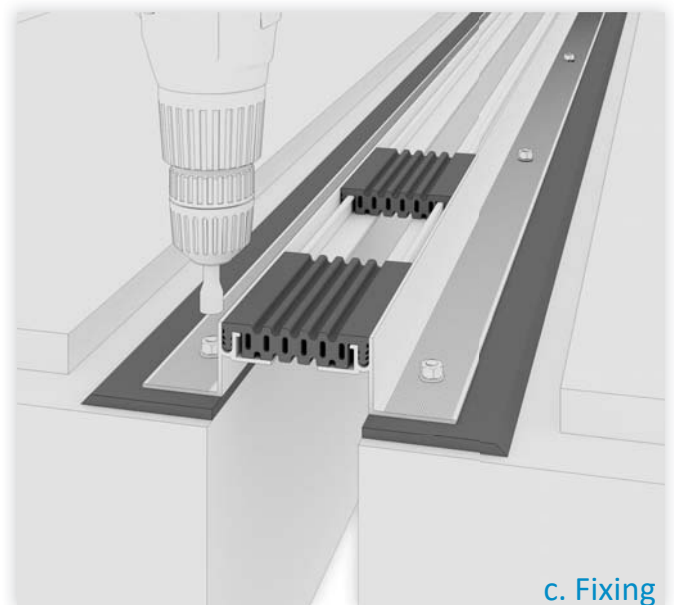
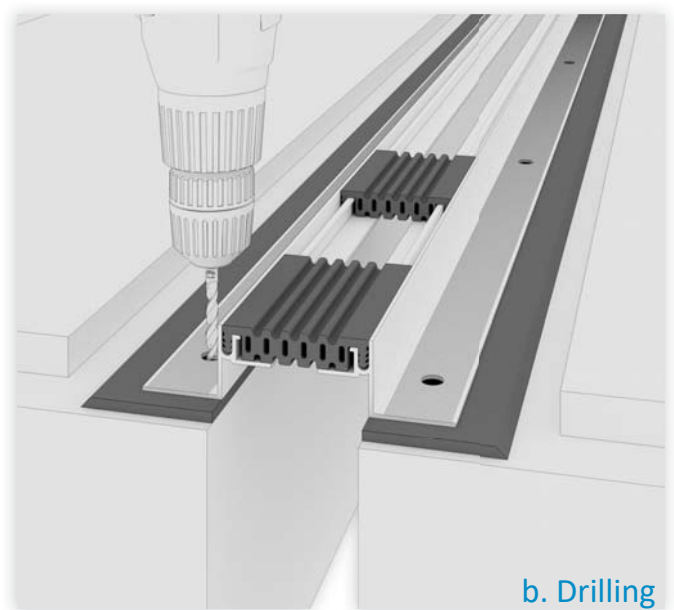
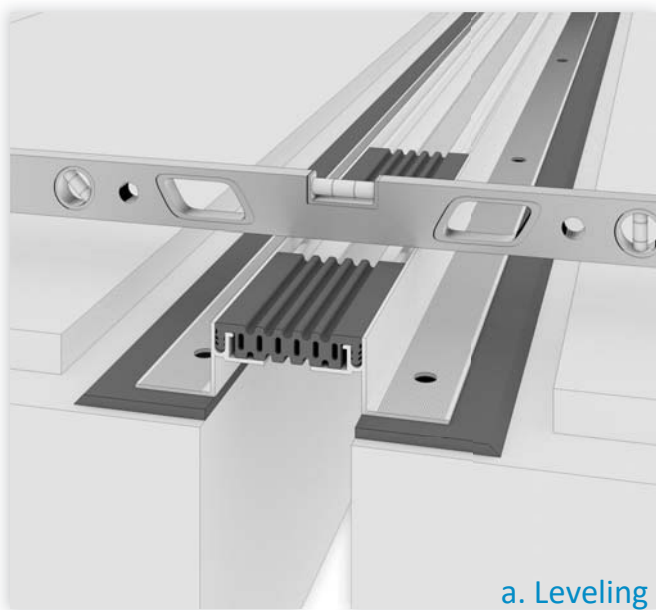


Model NF-NP



D. Fixing the Edge Profiles

1. Use an unbiased level tool to ensure that both slabs are at the same level.
2. Lay the Edge Profiles on both sides of the floor and use two calibration Rubbers to maintain the correct distance between the two Edge Profiles.
3. Drill using the correct drill bit size and type.
4. Fix the Bolts in there intended locations



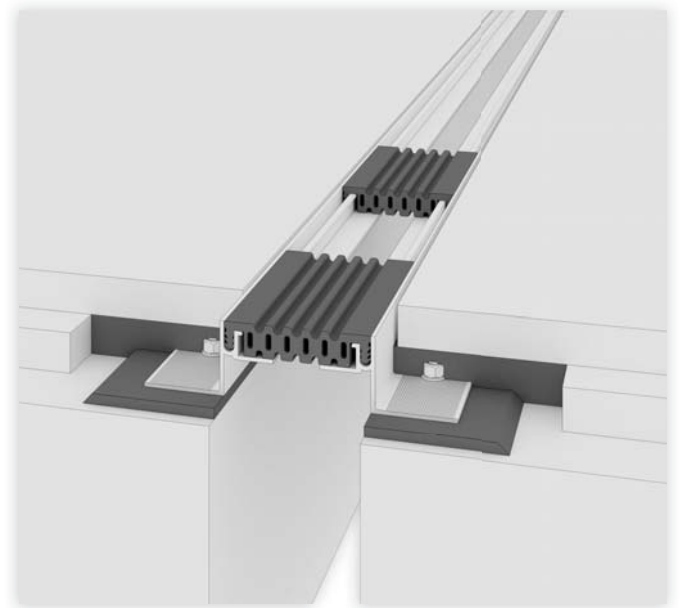
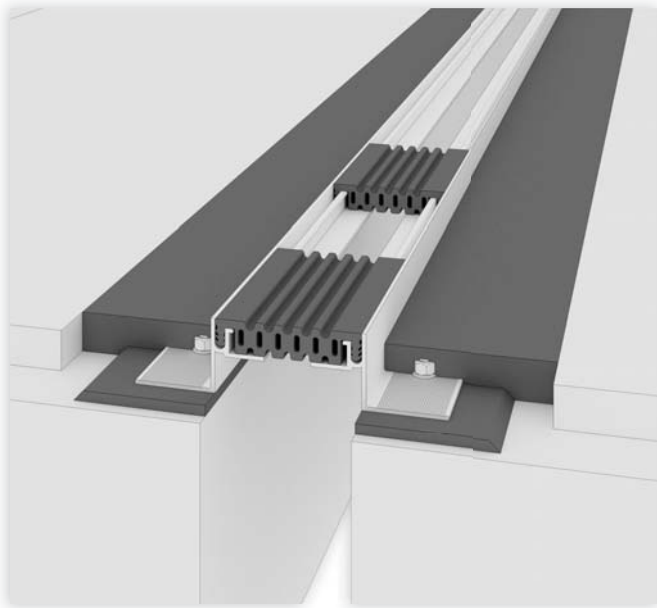
Model NF-NP



E. Application of Grout and Tiles

1. Apply protection tape to protect the Rubber Bands and the Profile from the upcoming civil activities.
2. Apply grout where needed.
3. Apply the finishing tiles.

*Note that the protection tape and the grout are not included with the delivered items.
Please consult your local Nexus' supplier for recommendations.*



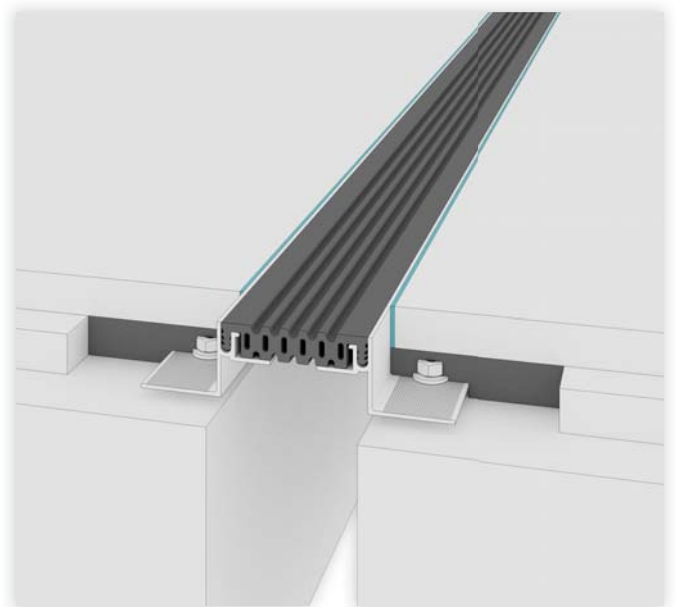
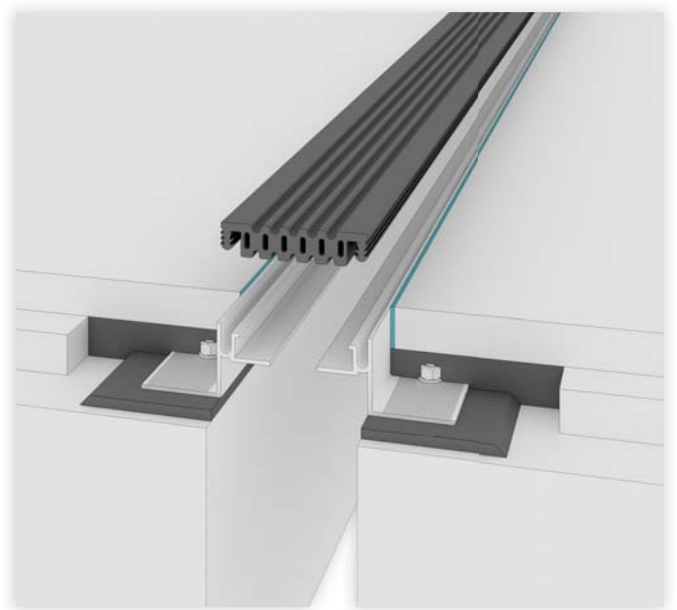
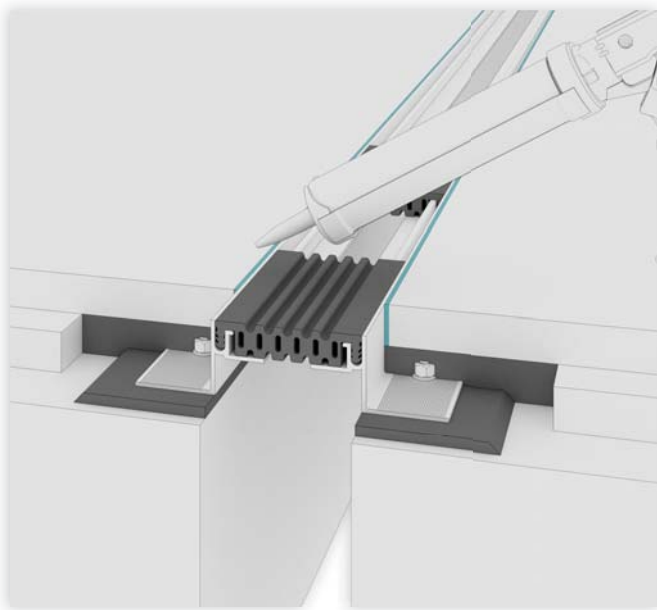
Model NF-NP



F. Finishing Stage

1. Apply sealant at the Tiles Edges
2. Remove the calibration Rubbers and insert the Rubber Bands.

Note that the sealant is not included with the delivered items. Please consult your local Nexus' supplier for recommendations.



Model NF-NP



Final Checklist

- The work has been completed in accordance with approved shop drawings and these installation instructions.
- Check that there are no missing elements or loose applications.
- The applied system should be protected from any hazard, until final approval.
- The Expansion Joint cover is a finishing product that will be exposed to view. Therefore, it should be protected to maintain the final look desired by the building owner.

